

**EOG Resources, Inc.**  
**P.O. 1910**  
**Vernal, UT 84078**

August 10, 2005

Utah Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

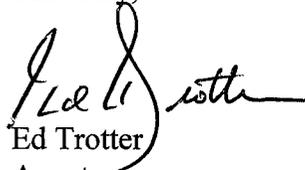
RE: APPLICATION FOR PERMIT TO DRILL  
CHAPITA WELLS UNIT 701-2  
NE/NE (Lot 1), SEC. 2, T9S, R22E  
UINTAH COUNTY, UTAH  
LEASE NO.: ML-3077  
UTAH STATE LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Phone: (435)789-4120  
Fax: (435)789-1420

Sincerely,



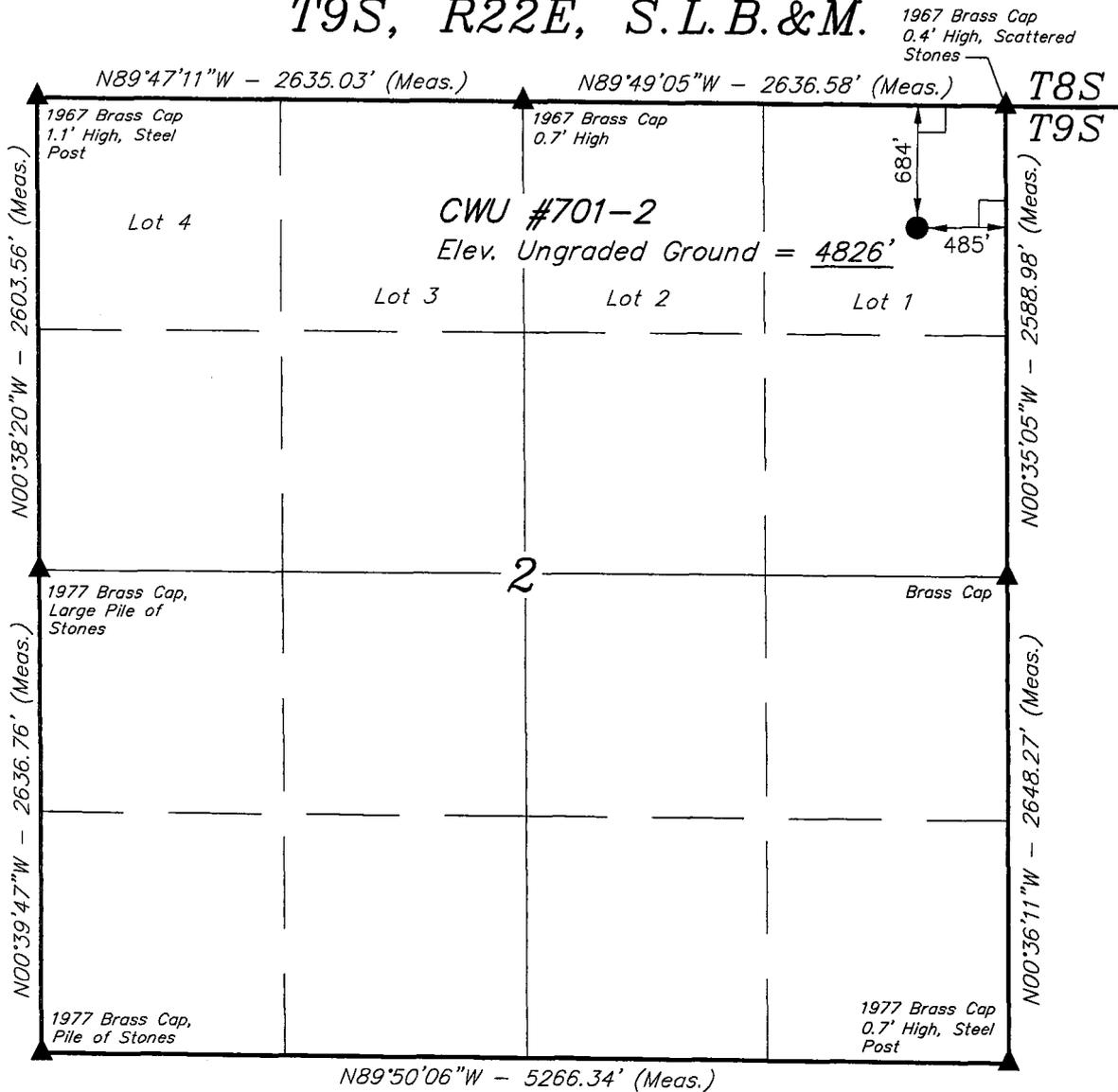
Ed Trotter  
Agent  
EOG Resources, Inc.

Attachments

RECEIVED  
AUG 18 2005  
DIV. OF OIL, GAS & MINING



T9S, R22E, S.L.B.&M.



**EOG RESOURCES, INC.**

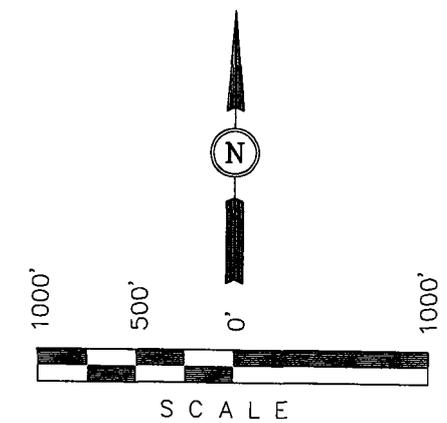
Well location, CWU #701-2, located as shown in the NE 1/4 NE 1/4 (Lot 1) of Section 2, T9S, R22E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 40°04'12.93" (40.070258)  
 LONGITUDE = 109°23'58.69" (109.399636)  
 (NAD 27)  
 LATITUDE = 40°04'13.06" (40.070294)  
 LONGITUDE = 109°23'56.23" (109.398953)

SCALE 1" = 1000'	DATE SURVEYED: 08-04-05	DATE DRAWN: 08-11-05
PARTY T.B. B.C. P.M.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE EOG RESOURCES, INC.	

**EIGHT POINT PLAN**  
**CHAPITA WELLS UNIT 701-2**  
**NE/NE (Lot 1), SEC. 2, T9S, R22E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River FM	2,078'
C-Zone	2,370'
Mahogany Oil Shale Bed	2,724'
Middle Carb Bed	3,543'
Castle Peak MBR	4,690'
Uteland Butte MBR	4,879'
Wasatch	5,085'
Chapita Wells	5,712'
Buck Canyon	6,381'
North Horn	6,930'
Island	7,402'

**EST. TD: 7,700' or 200' ± below Island Top**

**Anticipated BHP: 3,800 Psig**

**3. PRESSURE CONTROL EQUIPMENT:** Production Hole - 3,000 Psig  
 BOP Schematic Diagram attached.

**4. CASING PROGRAM:**

<b><u>HOLE SIZE</u></b>	<b><u>INTERVAL</u></b>	<b><u>LENGTH</u></b>	<b><u>SIZE</u></b>	<b><u>WEIGHT</u></b>	<b><u>GRADE</u></b>	<b><u>THREAD</u></b>	<b><u>RATING FACTOR</u></b>		
							<b><u>COLLAPSE</u></b>	<b><u>BURST</u></b>	<b><u>TENSILE</u></b>
12 ¼"	0' - 500' +/-KB	500' +/-	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
7 7/8"	500' - TD +/-KB	7,700' +/-	4 1/2"	11.6 #	J-55	LTC	4960 PSI	5350 PSI	162,000#

**All casing will be new or inspected.**

**5. Float Equipment:**

**Surface Hole Procedure (0 - 500' ± Below GL):**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

**Production Hole Procedure (500' ± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 1000' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**EIGHT POINT PLAN**  
**CHAPITA WELLS UNIT 701-2**  
**NE/NE (Lot 1), SEC. 2, T9S, R22E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**6. MUD PROGRAM:**

**Surface Hole Procedure (0 - 500' ± below GL):**

Air/air mist or aerated water

**Production Hole Procedure (500' ± - TD):**

Anticipated mud weight 9.0 – 9.5 ppg depending on actual wellbore condition encountered while drilling.

**500'± - TD**

A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**7. VARIANCE REQUESTS:**

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.

**8. EVALUATION PROGRAM:**

**Logs:** Mud log from base of surface casing to TD. Cased hole evaluation logs will be run in lieu of open hole logs.

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (0-500' ± Below GL)**

**Lead:** 275 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl<sub>2</sub>) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft<sup>3</sup>./sk., 4.95 gps water.

**Top Out:** Top out with Class 'G' cement with 2% S1 (CaCl<sub>2</sub>) in mix water, 15.8 ppg, 1.16 ft<sup>3</sup>./sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

**Note:** Cement volumes will be calculated to bring cement to surface.

**EIGHT POINT PLAN**  
**CHAPITA WELLS UNIT 701-2**  
**NE/NE (Lot 1), SEC. 2, T9S, R22E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**CEMENT PROGRAM (Continued):**

**Production Hole Procedure (500' ± to TD)**

**Lead:** 243 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46(Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft<sup>3</sup>/sk., 9.19 gps water.

**Tail:** 575 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note:** Number of sacks is based on gauged hole calculation.  
Lead volumes are to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 500'± ):**

Lost circulation

**Production Hole (500'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

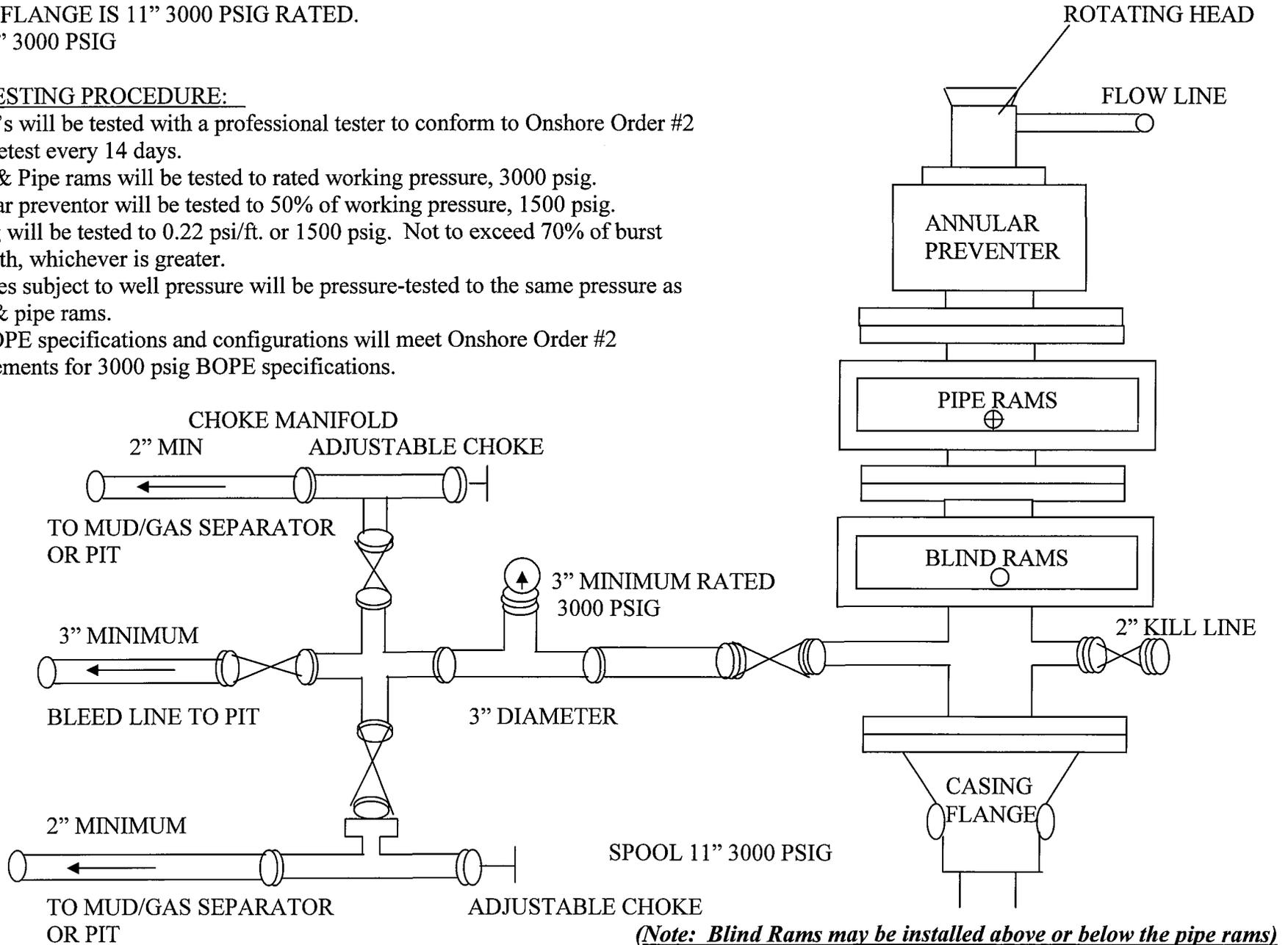
(Attachment: BOP Schematic Diagram)

## 3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED.  
 CASING FLANGE IS 11" 3000 PSIG RATED.  
 BOPE 11" 3000 PSIG

### TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources, Inc.  
Well Name & Number: Chapita Wells Unit 701-2  
Lease Number: ML-3077  
Location: 684' FNL & 485' FEL, NE/NE (Lot 1),  
Sec. 2, T9S, R22E, S.L.B.&M.,  
Uintah County, Utah

Surface Ownership: STATE OF UTAH

**NOTIFICATION REQUIREMENTS**

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## THIRTEEN POINT SURFACE USE PROGRAM

### 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 35.62 miles southeast of Ouray, Utah - See attached TOPO Map "A" .
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

### 2. PLANNED ACCESS ROAD

- A. The access road will be approximately 120 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Diverting water off at frequent intervals by means of cutouts shall prevent erosion of drainage ditches by

run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

A. Abandoned wells - 3\*

B. Producing wells - 35\*

(\*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping.
2. Gas gathering lines - A 4" gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 4" OD steel above ground natural gas pipeline will be laid approximately 1718' from proposed location to a point in the NW/NW of Section 1, T9S, R22E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses State of Utah administered lands within the Chapita Wells Unit, thus a Right-of -Way grant will not be required.
3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the Southeast side of the location.

5. **LOCATION & TYPE OF WATER SUPPLY**

- A. Water supply will be from the Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Section 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. **SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
  - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
  - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
  - 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
  - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

8. **ANCILLARY FACILITIES**

A. No airstrips or camps are planned for this well.

9. **WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored Southwest and Southeast of Corner #2.

Access to the well pad will be from the Southwest.

Corner #6 will be rounded off to minimize excavation.

**FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

## 10. PLANS FOR RESTORATION OF SURFACE

### A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

## 11. SURFACE OWNERSHIP

Access road: State of Utah

Location: State of Utah

## 12. OTHER INFORMATION

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used.
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

**LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**

**PERMITTING AGENT**

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Telephone: (435)789-4120  
Fax: (435)789-1420

**DRILLING OPERATIONS**

Donald Presenkowski  
EOG Resources, Inc.  
P.O. Box 250  
Big Piney, WY 83113  
Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

**Certification**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

8-10-2005  
Date

Ed Trotter  
Agent

# **EOG RESOURCES, INC.**

**CWU #701-2**

**SECTION 2, T9S, R22E, S.L.B.&M.**

**PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 19.2 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 120' TO THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 35.6 MILES.**

# EOG RESOURCES, INC.

CWU #701-2

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 2, T9S, R22E, S.L.B.&M.

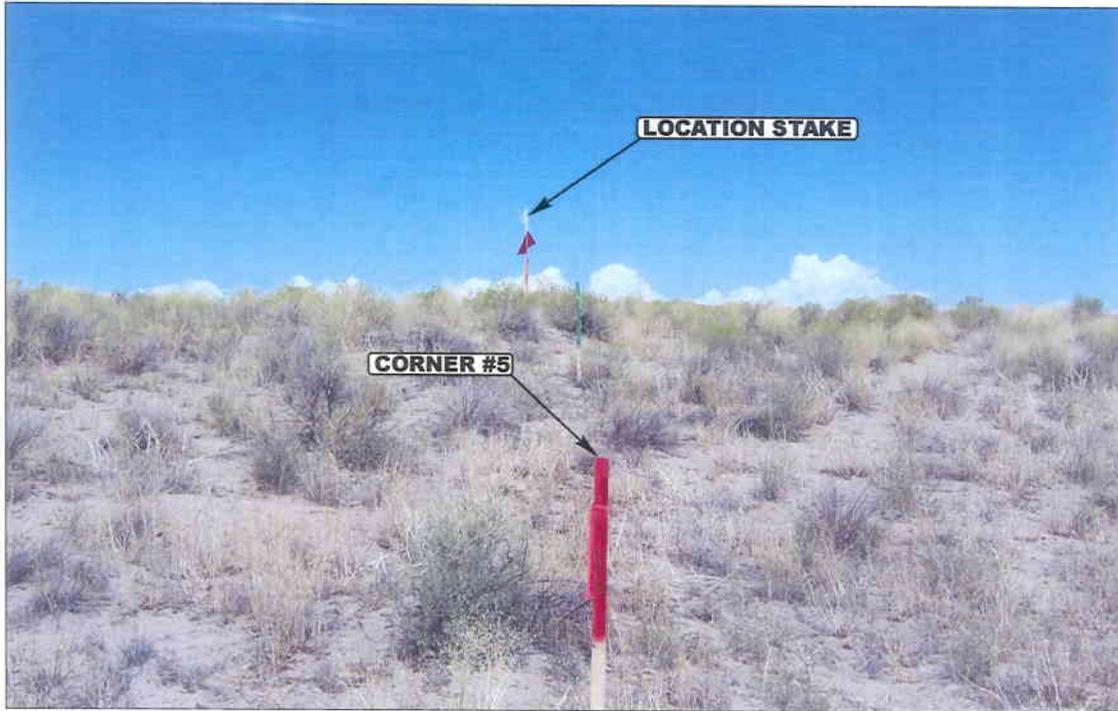


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

08 10 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: T.B.

DRAWN BY: S.L.

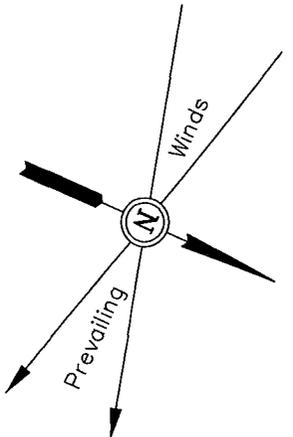
REVISED: 00-00-00

EOG RESOURCES, INC.

FIGURE #1

LOCATION LAYOUT FOR

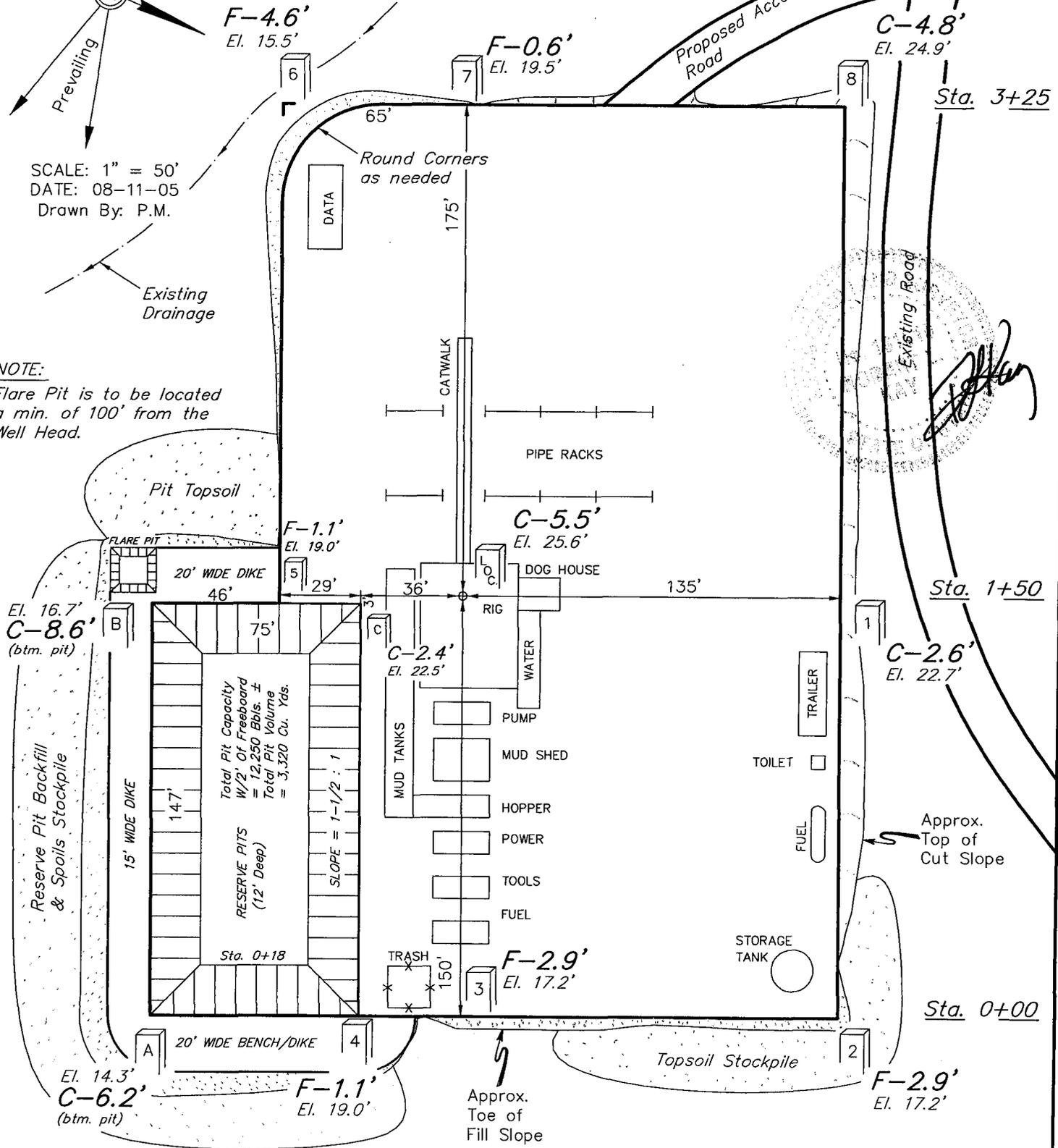
CWU #701-2  
SECTION 2, T9S, R22E, S.L.B.&M.  
684' FNL 485' FEL



SCALE: 1" = 50'  
DATE: 08-11-05  
Drawn By: P.M.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4825.6'

FINISHED GRADE ELEV. AT LOC. STAKE = 4820.1'

EOG RESOURCES, INC.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

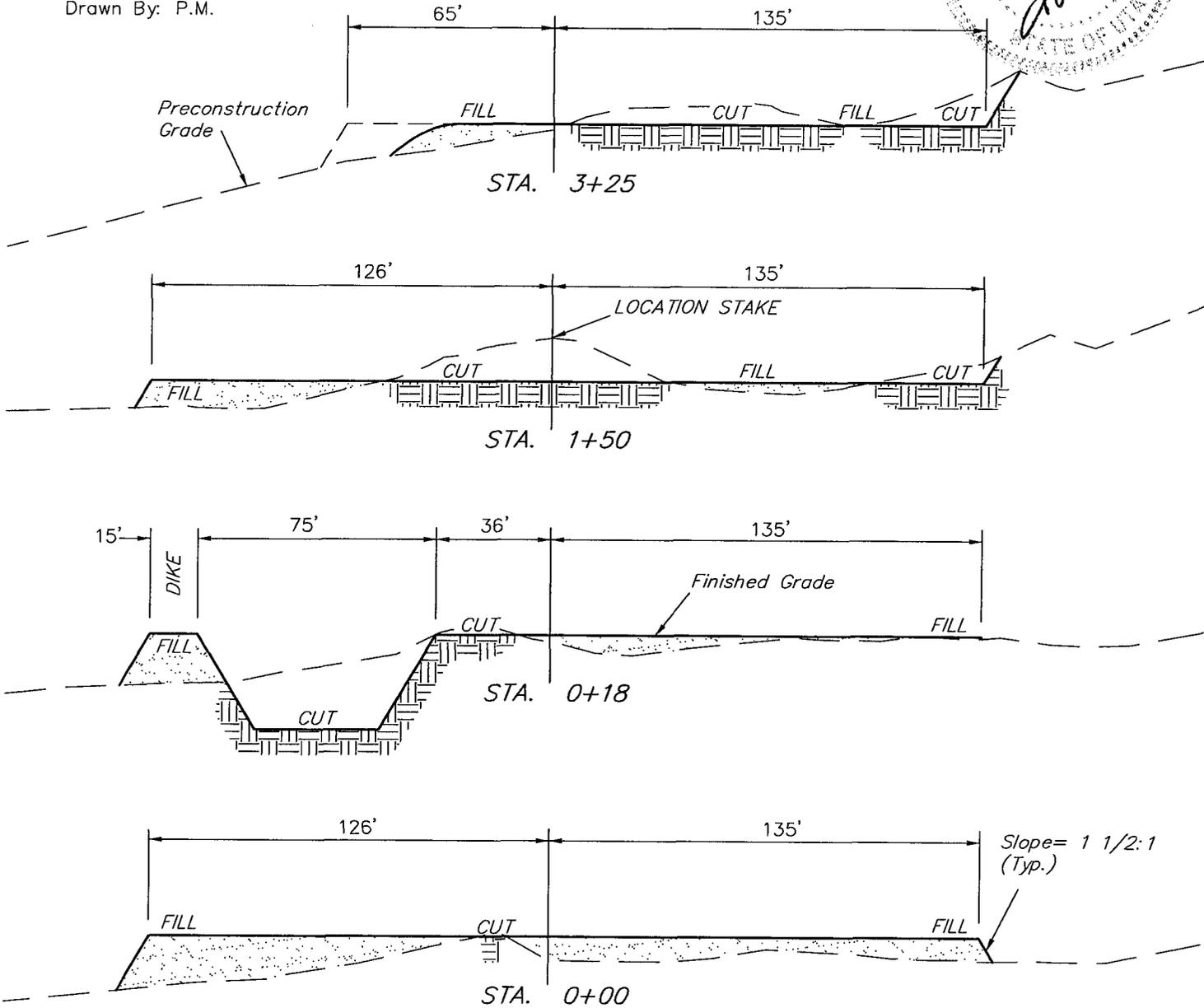
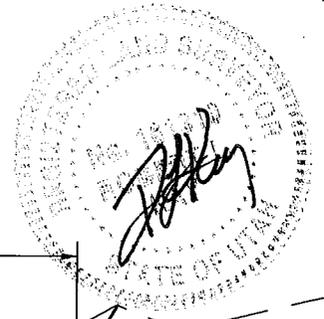
CWU #701-2

SECTION 2, T9S, R22E, S.L.B.&M.

684' FNL 485' FEL

1" = 20'  
X-Section Scale  
1" = 50'

DATE: 08-11-05  
Drawn By: P.M.

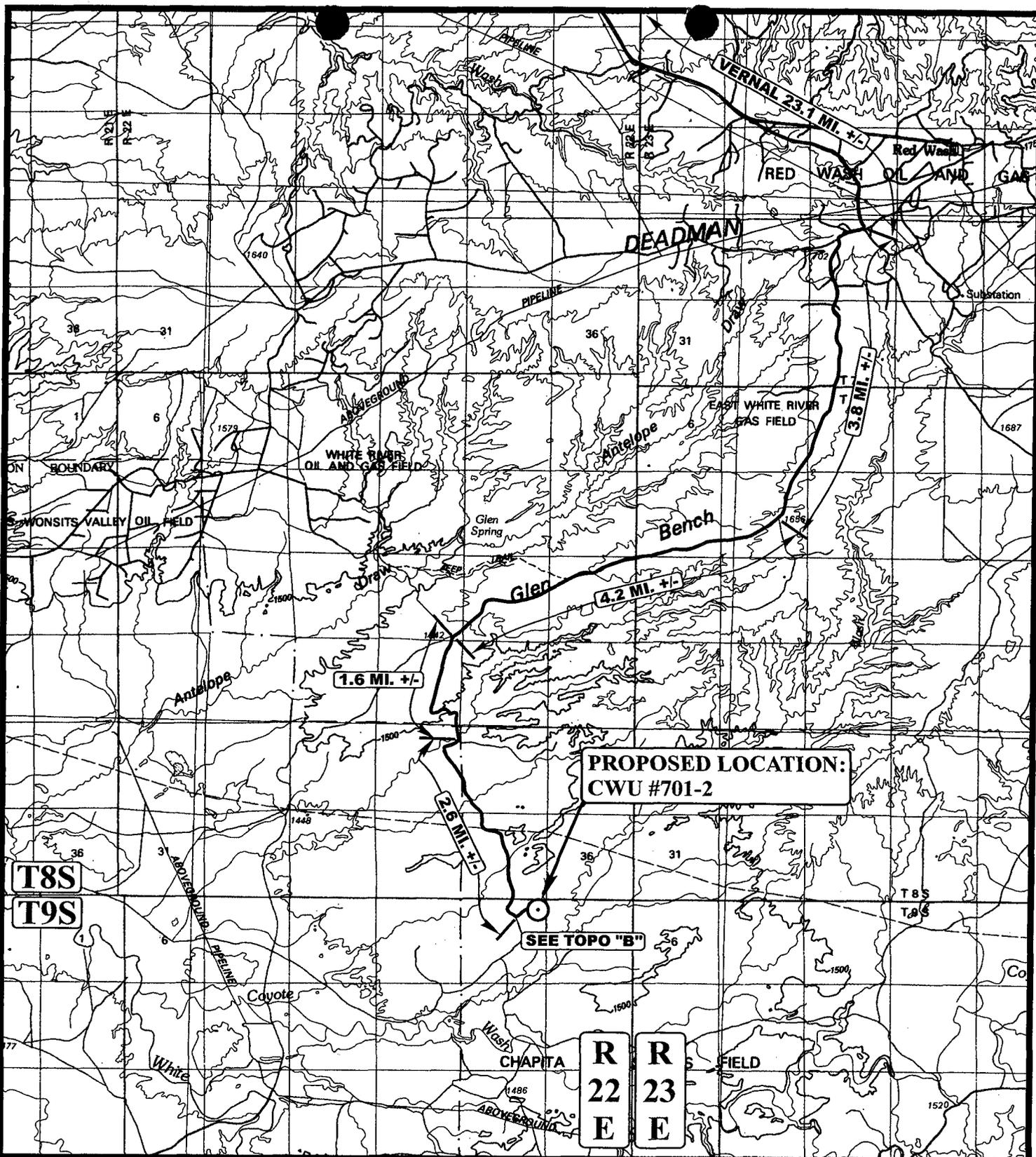


\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,600 Cu. Yds.
Remaining Location	= 4,640 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,240 CU.YDS.</b>
<b>FILL</b>	<b>= 2,980 CU.YDS.</b>

EXCESS MATERIAL	= 3,260 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,260 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



**LEGEND:**  
 ○ PROPOSED LOCATION

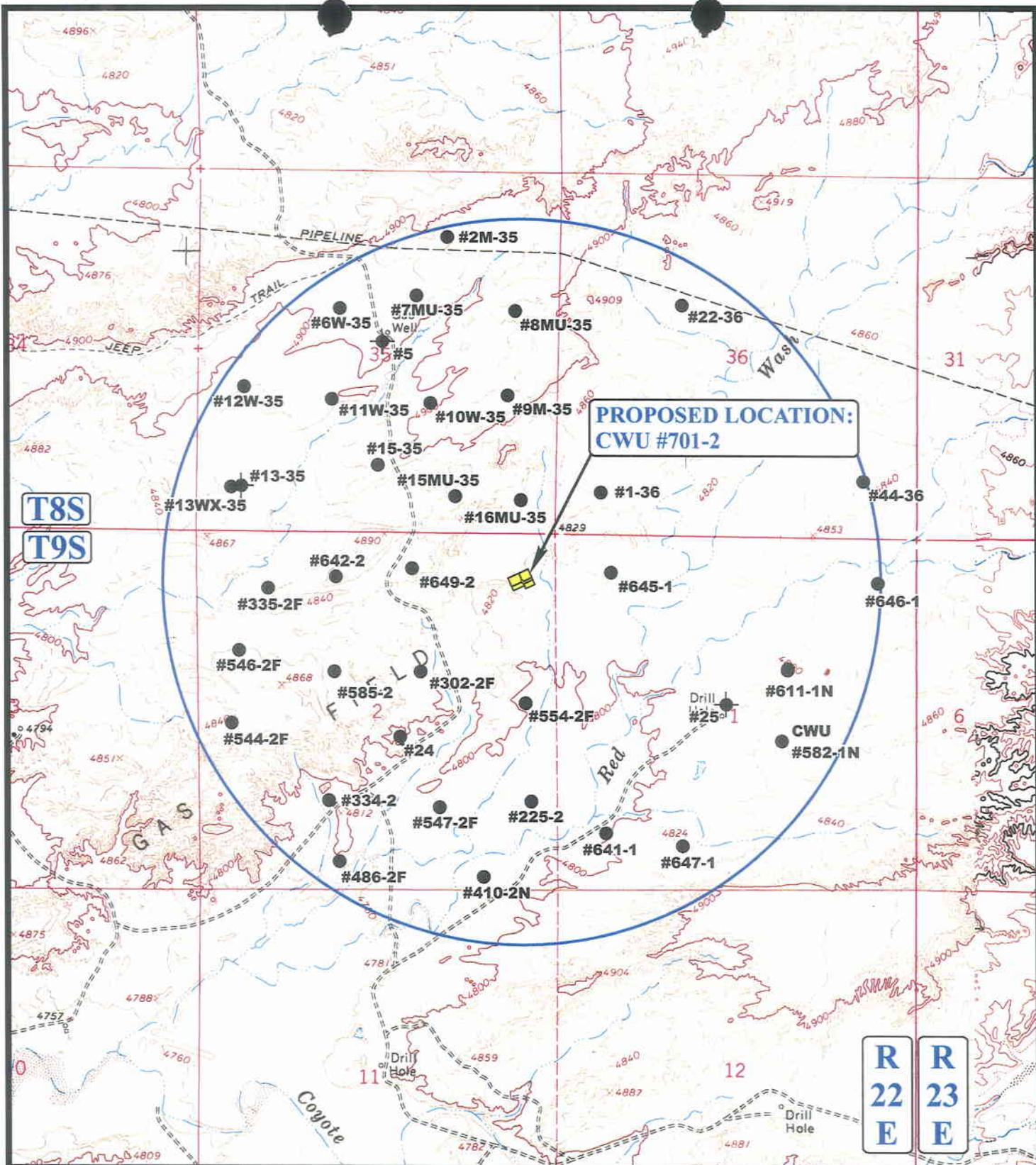
**EOG RESOURCES, INC.**  
 CWU #701-2  
 SECTION 2, T9S, R22E, S.L.B.&M.  
 684' FNL 485' FEL

**U&L S**  
 Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP**  
 08 10 05  
 MONTH DAY YEAR  
 SCALE: 1:100,000 | DRAWN BY: S.L. | REVISED: 00-00-00

**A**  
 TOPO





**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS  | ⊗ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



**EOG RESOURCES, INC.**

**CWU #701-2**  
**SECTION 2, T9S, R22E, S.L.B.&M.**  
**684' FNL 485' FEL**



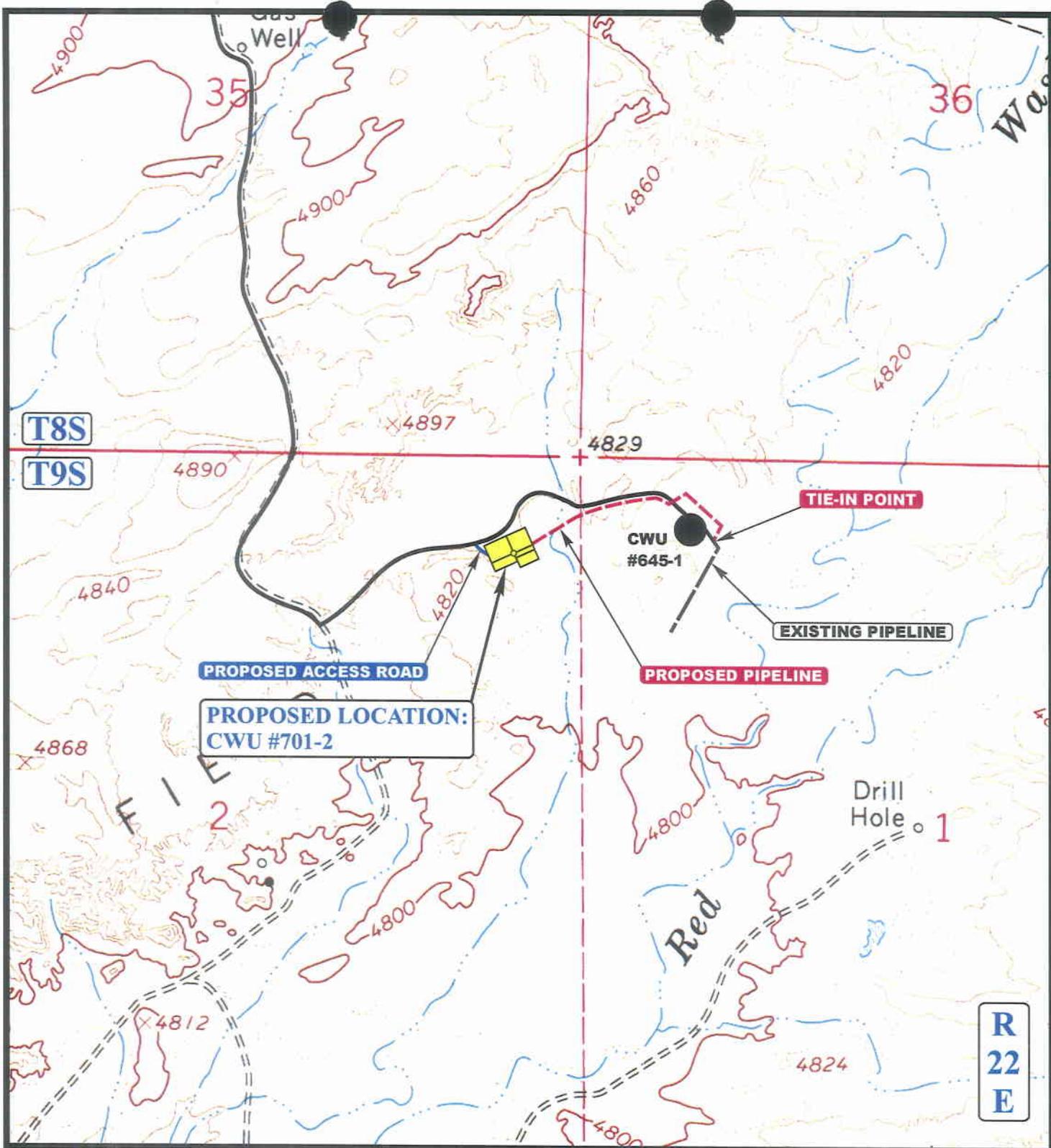
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**08 10 05**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: S.L. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,718' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE

**EOG RESOURCES, INC.**

**CWU #701-2**  
**SECTION 2, T9S, R22E, S.L.B.&M.**  
**684' FNL 485' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP**  
**08 10 05**  
MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: S.L. REVISED: 00-00-00



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

August 25, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Chapita Wells Unit Uintah  
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Chapita Wells Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ North Horn)

43-047-36995 CWU 701-2 Sec 2 T09S R22E 0684 FNL 0485 FEL

(Proposed PZ Price River)

43-047-37042 CWU 1064-24 Sec 24 T09S R22E 2169 FNL 1582 FEL  
43-047-37043 CWU 1063-24 Sec 24 T09S R22E 0586 FNL 1803 FWL  
43-047-37046 CWU 1094-27 Sec 27 T09S R23E 0670 FSL 0670 FEL  
43-047-37047 CWU 1091-27 Sec 27 T09S R23E 2018 FSL 1921 FWL  
43-047-37048 CWU 1090-27 Sec 27 T09S R23E 0601 FSL 0854 FWL  
43-047-37044 CWU 1101-21 Sec 21 T09S R23E 1986 FNL 2050 FEL  
43-047-37045 CWU 1100-21 Sec 21 T09S R23E 0498 FSL 0610 FWL  
43-047-37049 CWU 1099-29 Sec 29 T09S R23E 0588 FNL 0477 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/18/2005

API NO. ASSIGNED: 43-047-36995

WELL NAME: CWU 701-2

OPERATOR: EOG RESOURCES INC ( N9550 )

CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

NENE 02 090S 220E

SURFACE: 0684 FNL 0485 FEL

BOTTOM: 0684 FNL 0485 FEL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 3 - State

LEASE NUMBER: ML-3077

SURFACE OWNER: 3 - State

PROPOSED FORMATION: NHORN

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DWD	6/7/06
Geology		
Surface		

LATITUDE: 40.07027

LONGITUDE: -109.3990

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 6196017 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 49-1501 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

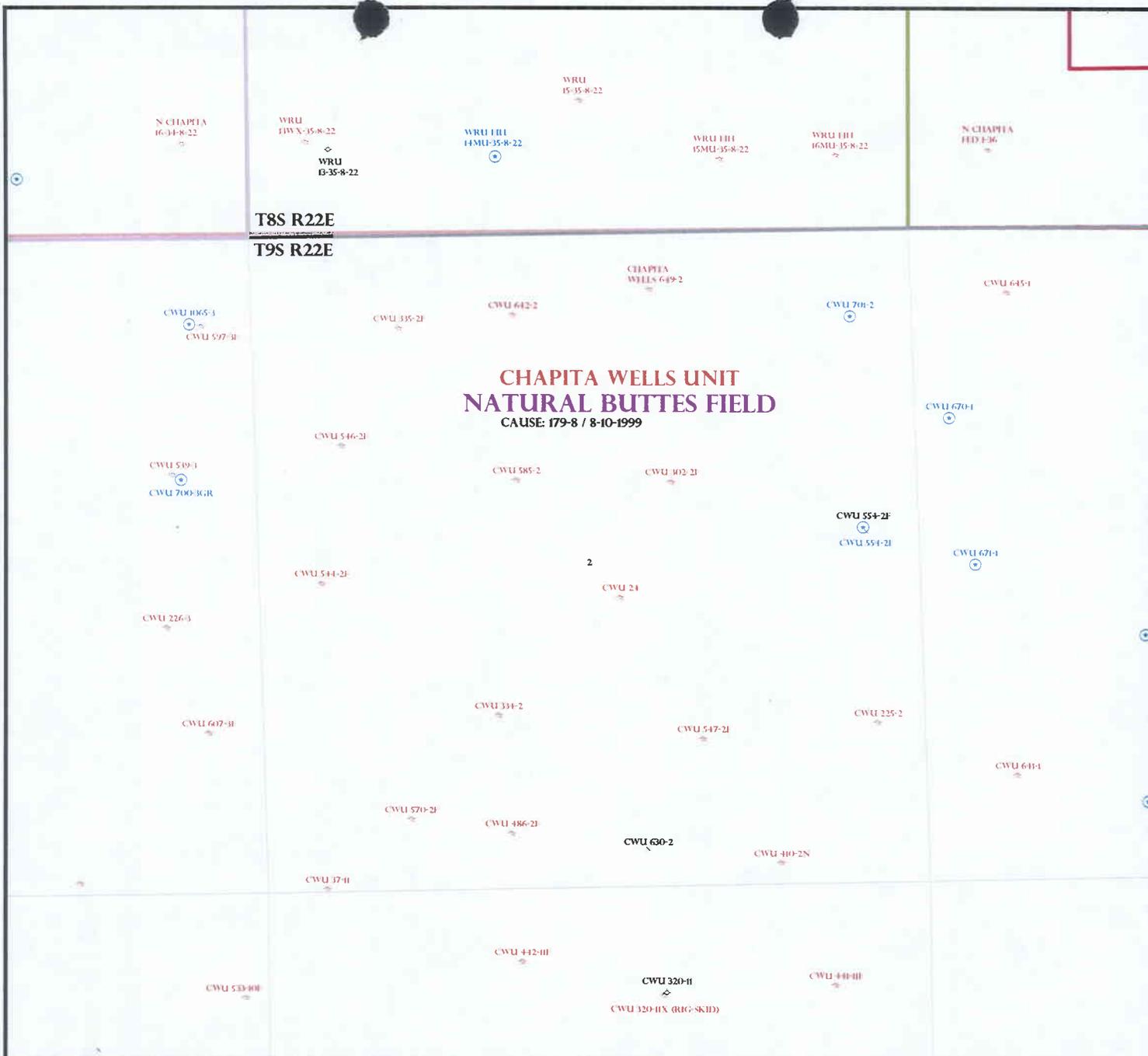
- R649-2-3.
- Unit CHAPITA WELLS
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 179-8  
Eff Date: 8-10-1999  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS:

Needs Permit (08-30-05)

STIPULATIONS:

- 1- STATEMENT OF BASIS
- 2- OIL SHALE
- 3- Cement Step # 39 ( 4 1/2" prod. , ± 2000' md , Green River Fm )



OPERATOR: EOG RESOURCES INC (N9550)  
 SEC: 2 T. 9S R. 22E  
 FIELD: NATURAL BUTTES (630)  
 COUNTY: UINTAH  
 CAUSE: 179-8 / 8-10-1999

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING



PREPARED BY: DIANA WHITNEY  
 DATE: 25-AUG-2005

**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** \_\_\_\_\_ EOG RESOURCES INC.  
**WELL NAME & NUMBER:** \_\_\_\_\_ CHAPITA WELLS UNIT 701-2  
**API NUMBER:** \_\_\_\_\_ 43-047-36995  
**LOCATION:** 1/4,1/4 NE/NE Sec: 2 TWP: 9S RNG: 22E 485' FEL 684' FNL

**Geology/Ground Water:**

EOG proposes to set 500 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 1,300 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 2. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers.

**Reviewer:** \_\_\_\_\_ Brad Hill \_\_\_\_\_ **Date:** \_\_\_\_\_ 08-30-05 \_\_\_\_\_

**Surface:**

The predrill investigation of the surface was performed on 08/30/2005. Surface and minerals for this well are owned by the State of Utah. Ed Bonner of S.I.T.L.A. and Ben Williams of U.D.W.R. were notified of this investigation on 8/23/2005. Mr. Williams of UDWR was present. The area is classified as year-round antelope range rated as high in value. He had no significant concerns about locating a well in this location. This site appears to be the best site in the immediate area for a location and well.

**Reviewer:** \_\_\_\_\_ Floyd Bartlett \_\_\_\_\_ **Date:** \_\_\_\_\_ 08/31/2005 \_\_\_\_\_

**Conditions of Approval/Application for Permit to Drill:**

1. A synthetic liner with a minimum thickness of 12 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: EOG RESOURCES INC.  
WELL NAME & NUMBER: CHAPITA WELLS UNIT 701-2  
API NUMBER: 43-047-36995  
LEASE: ML-3077 FIELD/UNIT: NATURAL BUTTES  
LOCATION: 1/4,1/4 NE/NE Sec: 2 TWP: 9S RNG: 22E 485' FEL 684' FNL  
LEGAL WELL SITING: Statewide siting suspended.  
GPS COORD (UTM): 636530 X; 4436374 Y SURFACE OWNER: STATE OF UTAH.

**PARTICIPANTS**

Floyd Bartlett (DOGM), ED TROTTER (EOG), BEN WILLIAMS, (UDWR)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

LOCATION IS 35.62 MILES SOUTHEAST OF VERNAL, UT AND 16.7 MILES SOUTHEAST OF OURAY, UTAH WITHIN THE COYOTE WASH DRAINAGE OF THE WHITE RIVER. NUMEROUS ROLLING HILLS AND SHALLOW DRAWS IS THE DOMINANT TOPOGRAPHY. THE SPECIFIC LOCATION IS ON A SOMEWHAT FLAT HUMMOCKY SAND AREA. THE WHITE RIVER IS APPROXIMATELY 5 MILES TO THE SOUTHWEST.

**SURFACE USE PLAN**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 246'. PROPOSED ACCESS IS 100 FEET FROM AN EXISTING OILFIELD DEVELOPMENT ROAD.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: NEW PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. A GAS PIPELINE WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Unlikely, as there are numerous other existing wells in the surrounding area.

**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. COMMERCIAL CONTRACTOR WILL HANDLE SEWAGE FACILITIES, STORAGE AND DISPOSAL. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: CHEAT GRASS, HALOGETON, GREASEWOOD, RUSSIAN THISTLE, FOUR-WINGED SALT BUSH, NEEDLE AND THREAD GRASS, INDIAN RICEGRASS, GLOBEMALLOW: PRONGHORN, COYOTES, SONGBIRDS, RAPTORS, RODENTS, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY LOAM. LITTLE SURFACE ROCK.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 147' BY 75' AND 12' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): SENSITIVITY LEVEL II. A LINER WILL BE REQUIRED FOR THE RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN: AS PER S.I.T.L.A.

SURFACE AGREEMENT: AS PER STATE OF UTAH

CULTURAL RESOURCES/ARCHAEOLOGY: SITE HAS BEEN INSPECTED BY MOAC.

OTHER OBSERVATIONS/COMMENTS

BEN WILLIAMS OF THE UDWR STATED THE AREA IS CLASSIFIED AS YEAR-ROUND HIGH VALUE HABITAT FOR ANTELOPE. THE LOSS OF FORAGE WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ANTELOPE POPULATION. NO OTHER WILDLIFE ISSUES EXIST. THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A HOT, SUNNY DAY.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

Floyd Bartlett  
DOGM REPRESENTATIVE

08/30/2005 10:30AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	15	
	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      20      (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





Casing Schematic

Winter

Surface

9-5/8"  
MW 8.4  
Frac 19.3

TOC @  
1931.

Surface  
2300. MD

4-1/2"  
MW 10.5

Production  
7700. MD

TOC @  
0.

1300 Bonded

1835 TOC Tail

2078  
Green River

✓ w/ 18% cement

Lead 310 SKS w/ 3.5% gel  
Tail 250 SKS w/ 1.0% gel

BHP

$$(0.52)(10.5)(7700) = 4204$$

Anticipate 4205

Q<sub>max</sub>

$$(1.2)(7700) = 924$$

MASP = 3280

BOP - 5,000 ✓

$$\text{Surf csq} = 3520$$

$$70\% = 2464$$

Max pressure @ Surf csq shoe = 3016

Test to 2464 # ✓  
(± 1400 psi surf. press.)

✓ Adequate OED  
6/7/06

4609 TOC Tail

5085 Washout

w/ 6% Washout

✓ Cement Stop 3a

TOC ± 2000' MD

Well name:

**09-05 EOG CWU 701-2**

Operator: **EOG Resources Inc**

String type: **Surface**

Project ID:

43-047-36995

Location: **Uintah County**

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 107 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 350 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 2,024 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,300 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 2,014 ft

Completion type is subs  
Non-directional string.

**Re subsequent strings:**

Next setting depth: 7,700 ft  
Next mud weight: 10.500 ppg  
Next setting BHP: 4,200 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 2,300 ft  
Injection pressure 2,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2300	9.625	36.00	J-55	ST&C	2300	2300	8.796	163.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1004	2020	2.013	2300	3520	1.53	73	394	5.43 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: June 1, 2006  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2300 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>09-05 EOG CWU 701-2</b>	
Operator:	<b>EOG Resources Inc</b>	Project ID:
String type:	Production	43-047-36995
Location:	Uintah County	

**Design parameters:**

**Collapse**

Mud weight: 10.500 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 3,276 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP: 4,200 psi  
  
 No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on buoyed weight.  
 Neutral point: 6,491 ft

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 183 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 1,932 ft

Completion type is subs  
 Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7700	4.5	11.60	N-80	LT&C	7700	7700	3.875	178.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4200	6350	1.512	4200	7780	1.85	75	223	2.96 J

Prepared by: Clinton Dworshak  
 Utah Div. of Oil & Mining

Phone: 801-538-5280  
 FAX: 801-359-3940

Date: June 1, 2006  
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7700 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 701-02**  
**NE/NE, SEC. 02, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River FM	2,078'
C-Zone	2,370'
Mahogany Oil Shale Bed	2,724'
Middle Carb Bed	3,543'
Castle Peak MBR	4,690'
Uteland Butte MBR	4,879'
Wasatch	5,085'
Chapita Wells	5,712'
Buck Canyon	6,381'
North Horn	6,930'
Island	7,402'

Estimated TD: 7,700' or 200'± below Island top

**Anticipated BHP: 4,205 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

**4. CASING PROGRAM:**

	<b><u>HOLE SIZE</u></b>	<b><u>INTERVAL</u></b>	<b><u>SIZE</u></b>	<b><u>WEIGHT</u></b>	<b><u>GRADE</u></b>	<b><u>THREAD</u></b>	<b><u>RATING FACTOR</u></b>		
							<b><u>COLLAPSE</u></b>	<b><u>BURST</u></b>	<b><u>TENSILE</u></b>
Conductor:	17 ½"	0' – 45'	13 ⅜"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12-1/4"	45' – 2,300'KB±	9-⅝"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production:	7-7/8"	2,300'± – TD	4-½"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

**Note: 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-⅝" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.**

**5. Float Equipment:**

**Surface Hole Procedure (0'- 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

RECEIVED

JUN 01 2006

DIV. OF OIL, GAS & MINING

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 701-02**  
**NE/NE, SEC. 02, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**Float Equipment: (Cont'd)**

**Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**6. MUD PROGRAM**

**Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):** Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**7. VARIANCE REQUESTS:**

**Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations**

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

**8. EVALUATION PROGRAM:**

**Logs:** Mud log from base of surface casing to TD.  
**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**Cement Bond / Casing Collar Locator and Pulsed Neutron**

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 701-02**  
**NE/NE, SEC. 02, T9S, R22E, S.L.B.&M.,**  
**UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (Surface - 2300'±):**

**Lead:** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

**Production Hole Procedure (2300'± - TD)**

**Lead:** 156 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 550 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 701-02**  
**NE/NE, SEC. 02, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

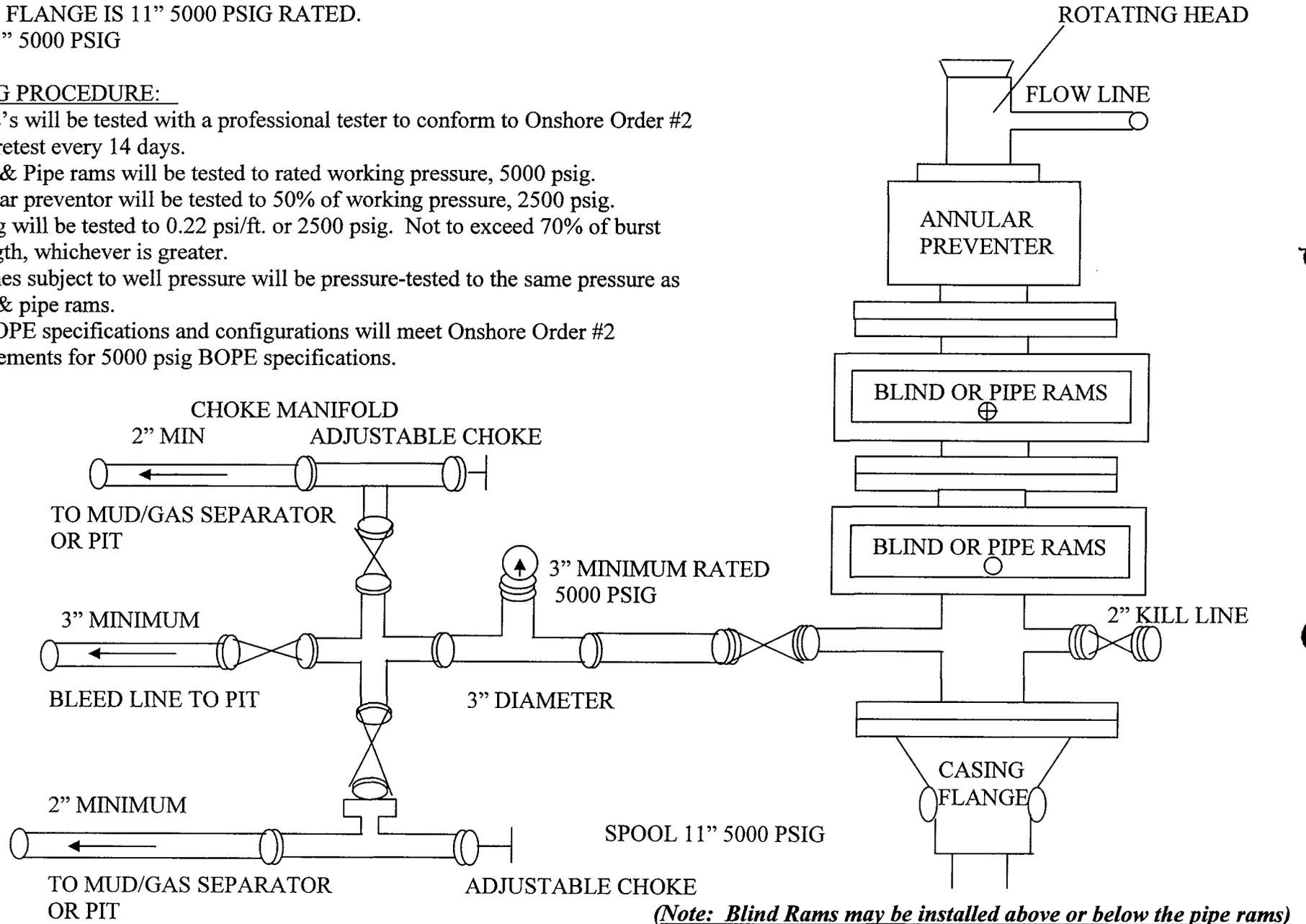
(Attachment: BOP Schematic Diagram)

## 5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.  
 CASING FLANGE IS 11" 5000 PSIG RATED.  
 BOPE 11" 5000 PSIG

### TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



**From:** Clinton Dworshak  
**To:** edtrotter@easilink.com  
**Date:** 9/2/2005 8:32:37 AM  
**Subject:** EOG APDs

Ed,

These three EOG APDs require information.

CWU 554-2F - The production string cement is not sufficient to cover these critical zones BMSW (1300'), Green River (1992'), or Mahogany Oil Shale (2665').

CWU 701-2 - The production string cement is not sufficient to cover these critical zones BMSW (1300'), Green River (2078'), or Mahogany Oil Shale (2724').

CWU 955-32 - The number of sacks to cement the surface casing was not reported.

Also, I have made other e-mail requests for information necessary to process EOG APDs that have not been answered. A small back-log of these are developing.

Clint

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 9/28/2005 11:35:37 AM  
**Subject:** Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

The Houston Exploration Company  
Buck Canyon 9-16-12-21  
Buck Canyon 11-16-12-21  
Buck Canyon 13-16-12-21  
Buck Canyon 15-16-12-21

EOG Resources, Inc  
Chapita Wells Unit 701-2  
State of Utah 17-8-18-14

If you have any questions regarding this matter please give me a call.

**CC:** Garrison, LaVonne; Hill, Brad; Hunt, Gil



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

June 7, 2006

EOG Resources, Inc.  
P O Box 1815  
Vernal, UT 84078

Re: Chapita Wells Unit 701-2 Well, 684' FNL, 485' FEL, NE NE, Sec. 2,  
T. 9 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36995.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
SITLA  
Bureau of Land Management, Vernal District Office

Operator: EOG Resources, Inc.  
Well Name & Number Chapita Wells Unit 701-2  
API Number: 43-047-36995  
Lease: ML-3077

Location: NE NE Sec. 2 T. 9 South R. 22 East

### Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page 2

43-047-36995

June 7, 2006

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
  
7. Cement volume for the 4 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to  $\pm 2000'$  MD in order to adequately isolate the Green River formation.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**ML-3077**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**CHAPITA WELLS UNIT**

8. Well Name and No.  
**CHAPITA WELLS UNIT 701-2**

9. API Well No.  
**43-047-36995**

10. Field and Pool, or Exploratory Area  
**NATURAL BUTTES UNIT**

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator **EOG RESOURCES, INC**

3a. Address  
**P.O. BOX 1815 VERNAL, UT 84078**

3b. Phone No. (include area code)  
**435-781-9111**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**684 FNL 485 FEL (NENE) S.L.B.&M  
SECTION 2, T9S, R22E 40.070258 LAT 109.399636 LON**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>PIPELINE</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>AUTHORIZATION</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

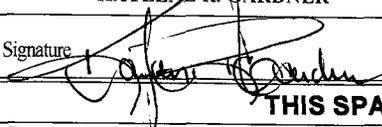
**EOG Resources, Inc. respectfully requests permission to install a 4", 1,718' surface pipeline. The surface pipeline will be installed within the Chapita Wells Unit beginning on the eastern side of the referenced location, located in the NENE of Section 2, T9S, R22E State Lease #ML 3077, proceeding easterly for approximately 400' to section 1, T9S, R22E Federal Lease # UT-01201, proceeding for an additional 1,318' and tying into an existing pipeline in the NWNW of Section 1, T9S, R22E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok line laid on the surface.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**KAYLENE R. GARDNER**

Title **REGULATORY ASSISTANT**

Signature



Date

**08/02/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date

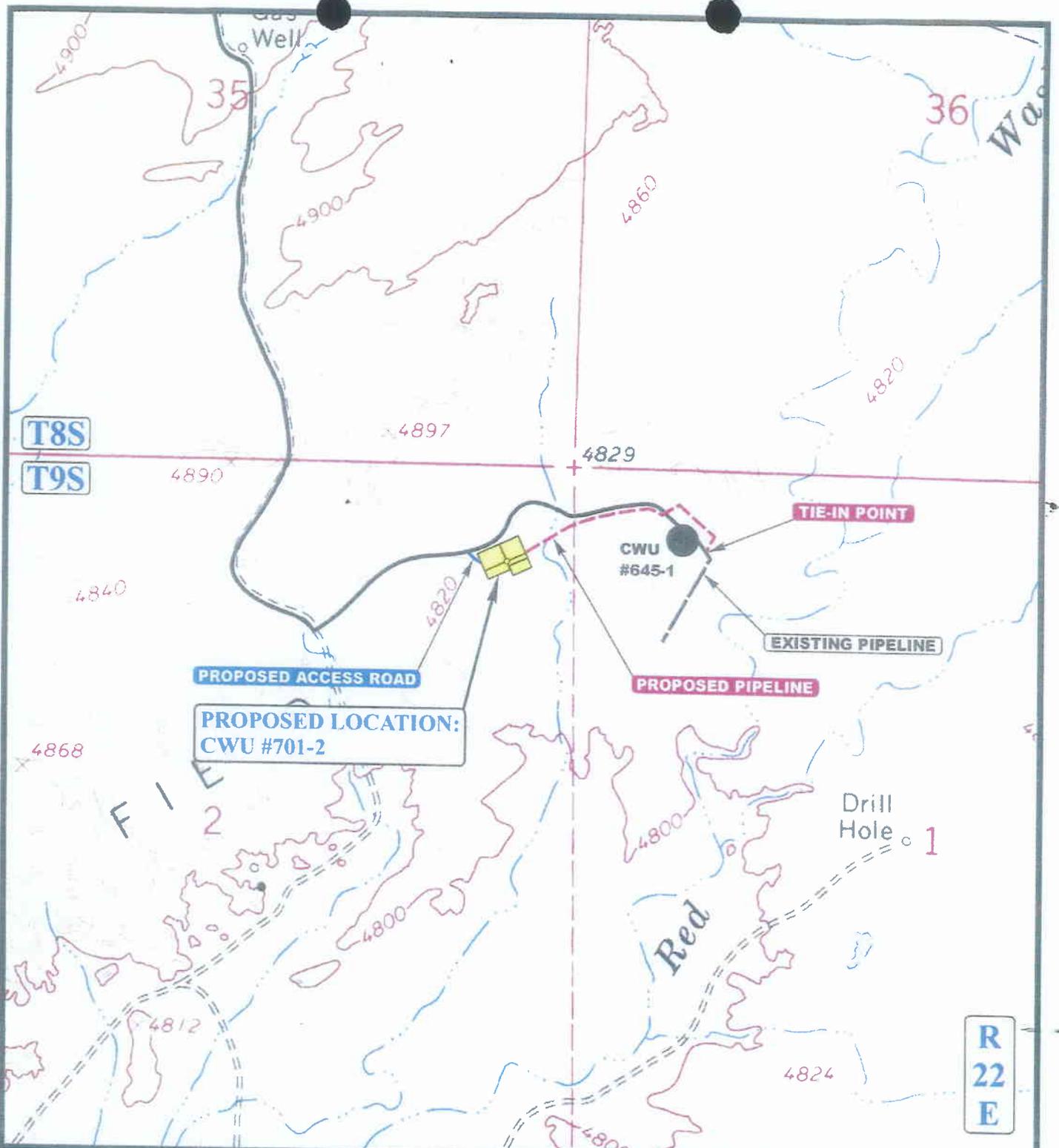
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make or provide information to any agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

AUG 02 2006

DIV. OF OIL, GAS & MINING



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,718' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

**EOG RESOURCES, INC.**

**CWU #701-2**  
**SECTION 2, T9S, R22E, S.L.B.&M.**  
**684' FNL 485' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

N



**TOPOGRAPHIC**  
**MAP**

**08 10 05**  
 MONTH DAY YEAR

**D**  
**TOPO**

SCALE: 1" = 1000' DRAWN BY: S.L. REVISED: 00-00-00

**RECEIVED**

AUG 03 2006

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: EOG Resources Inc

Well Name: CWU 701-2

API No: 43-047-36995 Lease Type: State

Section 02 Township 09S Range 22E County Uintah

Drilling Contractor Craig's Roustabout Services Rig # Rathole

### **SPUDDED:**

Date 4-23-07

Time 12:00 PM

How Dry

**Drilling will Commence:** \_\_\_\_\_

Reported by Jerry Barnes

Telephone # 435-828-1720

Date 4-24-07 Signed RM

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-3077</b>
<small>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</small>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>Chapita Wells Unit</b>
2. NAME OF OPERATOR: <b>EOG RESOURCES, INC.</b>		8. WELL NAME and NUMBER: <b>Chapita Wells Unit 701-02</b>
3. ADDRESS OF OPERATOR: <b>1060 East Highway 40 Vernal UT 84078</b>		9. API NUMBER: <b>43-047-36995</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>684 FNL &amp; 485 FEL 40.070294 Lat 109.398953 Lon</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 2 9S 22E S</b>		COUNTY: <b>UINTAH</b>
		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change Drilling Plan</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc requests authorization to change the drilling plan for the referenced well as per the attached procedure. Setting surfacing casing from 500' to 2300'.

COPY SENT TO OPERATOR  
Date: 5/21/07  
Initials: GH

NAME (PLEASE PRINT) <u>Kaylene R. Gardner</u>	TITLE <u>Sr. Regulatory Assistant</u>
SIGNATURE 	DATE <u>4/23/2007</u>

(This space for State use only) *This Drilling Plan was approved through Supplemental information as part of the original APD approval.*

**RECEIVED**  
**APR 25 2007**

# **EIGHT POINT PLAN**

## **CHAPITA WELLS UNIT 701-02** **NE/NE, SEC. 02, T9S, R22E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

### **1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River FM	2,078'
C-Zone	2,370'
Mahogany Oil Shale Bed	2,724'
Middle Carb Bed	3,543'
Castle Peak MBR	4,690'
Uteland Butte MBR	4,879'
Wasatch	5,085'
Chapita Wells	5,712'
Buck Canyon	6,381'
North Horn	6,930'
Island	7,402'

Estimated TD: 7,700' or 200'± below Island top

**Anticipated BHP: 4,205 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

### **3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

### **4. CASING PROGRAM:**

	<b><u>HOLE SIZE</u></b>	<b><u>INTERVAL</u></b>	<b><u>SIZE</u></b>	<b><u>WEIGHT</u></b>	<b><u>GRADE</u></b>	<b><u>THREAD</u></b>	<b><u>RATING FACTOR</u></b>		
							<b><u>COLLAPSE</u></b>	<b><u>BURST</u></b>	<b><u>TENSILE</u></b>
<b>Conductor:</b>	17 ½"	0' – 45'	13 ¾"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
<b>Surface</b>	12-1/4"	45' – 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
<b>Production:</b>	7-7/8"	2,300'± – TD	4-½"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

**Note:** 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.  
**All casing will be new or inspected.**

### **5. Float Equipment:**

#### **Surface Hole Procedure (0'- 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

# **EIGHT POINT PLAN**

## **CHAPITA WELLS UNIT 701-02** **NE/NE, SEC. 02, T9S, R22E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

### **Float Equipment: (Cont'd)**

### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

## **6. MUD PROGRAM**

### **Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):** Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

## **7. VARIANCE REQUESTS:**

### **Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations**

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

## **8. EVALUATION PROGRAM:**

**Logs:** Mud log from base of surface casing to TD.  
**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**Cement Bond / Casing Collar Locator and Pulsed Neutron**

## **EIGHT POINT PLAN**

### **CHAPTA WELLS UNIT 701-02** **NE/NE, SEC. 02, T9S, R22E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

#### **9. CEMENT PROGRAM:**

##### **Surface Hole Procedure (Surface - 2300'±):**

**Lead:** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

##### **Production Hole Procedure (2300'± - TD)**

**Lead:** 156 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 550 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9 gps water.

**Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.  
**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

#### **10. ABNORMAL CONDITIONS:**

##### **Surface Hole (Surface - 2300'±):**

Lost circulation

##### **Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**EIGHT POINT PLAN**

**CHAPTA WELLS UNIT 701-02**  
**NE/NE, SEC. 02, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: EOG RESOURCES, INC. Operator Account Number: N 9550  
 Address: 600 17th Street  
city Denver  
state CO zip 80202 Phone Number: (303) 262-2812

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36995	CHAPITA WELLS UNIT 701-2		NENE	2	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	99999	<i>4905</i>	4/23/2007		<i>5/10/07</i>		
Comments: <i>NHORN = WSTC</i>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36762	CHAPITA WELLS UNIT 672-1		NESW	1	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>A</i>	99999	<i>16078</i>	4/21/2007		<i>5/10/07</i>		
Comments: <i>MVRD</i>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36689	CHAPITA WELLS UNIT 918-23		NWNW	23	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>KB</i>	99999	<i>13650</i>	4/24/2007		<i>5/10/07</i>		
Comments: <i>PRRU = MVRD</i>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Carrie MacDonald

Name (Please Print)

*Carrie MacDonald*

Signature

Operations Clerk

4/24/2007

Title

RECEIVED

Date

APR 27 2007

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-3077</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: <b>Chapita Wells Unit</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>Chapita Wells Unit 701-2</b>	
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>	9. API NUMBER: <b>43-047-36995</b>	
3. ADDRESS OF OPERATOR: <b>600 17th St., Suite 1000N</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 262-2812</b>	10. FIELD AND POOL, OR WLDCAT: <b>Natural Buttes/Wasatch</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>684' FNL &amp; 485' FEL 40.070258 LAT 109.399636 LON</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 2 9S 22E S.L.B. &amp; M.</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well spud</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well spud on 4/23/2007.

NAME (PLEASE PRINT) <u>Carrie MacDonald</u>	TITLE <u>Operations Clerk</u>
SIGNATURE	DATE <u>4/23/2007</u>

(This space for State use only)

**RECEIVED**

**APR 2 / 2007**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-3077</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>Chapita Wells Unit</b>
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>		8. WELL NAME and NUMBER: <b>Chapita Wells Unit 701-2</b>
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		9. API NUMBER: <b>43-047-36995</b>
PHONE NUMBER: <b>(303) 262-2812</b>		10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes/Wasatch</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>684' FNL &amp; 485' FEL 40.070258 LAT 109.399636 LON</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 2 9S 22E S.L.B. &amp; M.</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

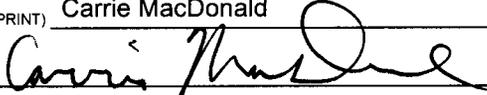
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD
2. Chapita Wells Unit 550-30N SWD
3. Ace Disposal
4. RN Industries

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

NAME (PLEASE PRINT) <u>Carrie MacDonald</u>	TITLE <u>Operations Clerk</u>
SIGNATURE <u></u>	DATE <u>4/23/2007</u>

(This space for State use only)

**RECEIVED**  
**APR 27 2007**  
DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-3077</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: <b>Chapita Wells Unit</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Chapita Wells Unit 701-2</b>
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>		9. API NUMBER: <b>43-047-36995</b>
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		PHONE NUMBER: <b>(303) 262-2812</b>
		10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes/Wasatch</b>

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **684' FNL & 485' FEL 40.070258 LAT 109.399636 LON** COUNTY: **Uintah**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE 2 9S 22E S.L.B. & M.** STATE: **UTAH**

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change tank size</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. requests authorization to set two (2) 400 bbl vertical condensate tanks and attaching piping on the referenced location.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only**

NAME (PLEASE PRINT) <u>Carrie MacDonald</u>	TITLE <u>Operations Clerk</u>
SIGNATURE	DATE <u>4/23/2007</u>

(This space for State use only)

**RECEIVED**  
**APR 2 / 2007**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-3077</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: <b>Chapita Wells Unit</b>
		8. WELL NAME and NUMBER: <b>Chapita Wells Unit 701-2</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	9. API NUMBER: <b>43-047-36995</b>	
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>	10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes/Wasatch</b>	
3. ADDRESS OF OPERATOR: <b>600 17th St., Suite 1000N</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 824-5526</b>	
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>684' FNL &amp; 485' FEL 40.070258 LAT 109.399636 LON</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 2 9S 22E S.L.B. &amp; M.</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well was turned to sales on 7/24/2007. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u><i>Mary A. Maestas</i></u>	DATE <u>8/2/2007</u>

(This space for State use only)

**RECEIVED**  
**AUG 06 2007**

## WELL CHRONOLOGY REPORT

Report Generated On: 08-02-2007

<b>Well Name</b>	CWU 701-02	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-36995	<b>Well Class</b>	1SA
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	06-19-2007	<b>Class Date</b>	07-24-2007
<b>Tax Credit</b>	N	<b>TVD / MD</b>	7,815/ 7,815	<b>Property #</b>	057596
<b>Water Depth</b>	0	<b>Last CSG</b>	2,375	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	4,832/ 4,820				
<b>Location</b>	Section 2, T9S, R22E, NENE, 684 FNL & 485 FEL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	55.033	<b>NRI %</b>	46.813

<b>AFE No</b>	303614	<b>AFE Total</b>	1,314,100	<b>DHC / CWC</b>	691,900/ 622,200						
<b>Rig Contr</b>	ENSIGN	<b>Rig Name</b>	ENSIGN #81	<b>Start Date</b>	08-23-2005	<b>Release Date</b>	06-29-2007				
<b>08-23-2005</b>	<b>Reported By</b>	ED TROTTER									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0						
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0						
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>							

**Activity at Report Time:** LOCATION DATA

Start	End	Hrs	Activity Description
-------	-----	-----	----------------------

06:00	06:00	24.0	LOCATION DATA 684' FNL & 485' FEL (NE/NE) SECTION 2, T9S, R22E UINTAH COUNTY, UTAH
-------	-------	------	---------------------------------------------------------------------------------------------

LAT 40.070258, LONG 109.399636 (NAD 83)  
LAT 40.070294, LONG 109.398953 (NAD 27)

RIG: ENSIGN #81  
OBJECTIVE: 7815' TD, WASATCH  
DW/GAS  
CHAPITA WELLS PROSPECT  
DD&A: NATURAL BUTTES  
NATURAL BUTTES FIELD

LEASE: ML-3077  
ELEVATION: 4825.6' NAT GL, 4820.1' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4820'), 4832' KB (12')

EOG WI 55.0327%, NRI 46.813095%

04-20-2007      **Reported By**      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Daily Total</b>	\$38,000
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD :</b>	0.0	<b>Perf :</b>	
				<b>PKR Depth :</b>	0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	START CONSTRUCTION OF LOCATION TODAY.

04-23-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD :</b>	0.0	<b>Perf :</b>	
				<b>PKR Depth :</b>	0.0

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LINE PIT TODAY.

04-24-2007 Reported By JERRY BARNES

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	40	<b>TVD</b>	40	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD :</b>	0.0	<b>Perf :</b>	
				<b>PKR Depth :</b>	0.0

Activity at Report Time: WO AIR RIG/BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 4/23/2007 @ 12:00 PM. SET 40' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 4/23/2007 @ 10:45 AM.

05-11-2007 Reported By DALL COOK

<b>Daily Costs: Drilling</b>	\$70,871	<b>Completion</b>	\$0	<b>Daily Total</b>	\$70,871
<b>Cum Costs: Drilling</b>	\$253,366	<b>Completion</b>	\$0	<b>Well Total</b>	\$253,366
<b>MD</b>	2,522	<b>TVD</b>	2,522	<b>Progress</b>	0
<b>Formation :</b>		<b>PBTD :</b>	0.0	<b>Perf :</b>	
				<b>PKR Depth :</b>	0.0

Activity at Report Time: WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU MAJOR AIR RIG #28 ON 4/25/2007. DRILLED 12-1/4" HOLE TO 2560' GL. ENCOUNTERED WATER @ 900'. RAN 59 JTS (2510.78') OF 9-5/8", 36.0#/FT. J-55, ST&C CASING WITH WEATHERFORD GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2522' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO MAJOR #28 AIR RIG.

RU BIG 4 CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 180 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 220 SX (149.6 BBLs) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/SX GILSONITE, 3#/SX GR-3, 3% SALT & 1/4 #/SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CFS.

TAILED IN W/200 SX (40.9 BBLs) OF PREMIUM CEMENT W/2% CACL2 & 1/4 #/SX FLOCELE. MIXED TAIL CEMENT TO 15.8 W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/190.6 BBLs FRESH WATER. BUMPED PLUG W/1010# @ 6:53 AM, 5/2/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB #1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 125 SX (22.6 BBLs) OF PREMIUM CEMENT W/3% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS, 0 MINS.

TOP JOB #2: MIXED & PUMPED 75 SX (15.3 BBLs) OF PREMIUM CEMENT W/4% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HAD RETURNS. HOLE FILLED & STOOD FULL. RD BIG 4 CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

RAN SURVEY @ 2350', 1 DEGREE. TAGGED @ 2369'.

DALL COOK NOTIFIED DAVE HACKFORD & CAROL DANIELS W/UDOGM OF THE SURFACE CASING & CEMENT JOB ON 4/27/2007 @ 2:00 PM.

<b>06-18-2007</b>		<b>Reported By</b>		JOHN JULIAN							
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0						
<b>Cum Costs: Drilling</b>	\$275,222	<b>Completion</b>	\$0	<b>Well Total</b>	\$275,222						
<b>MD</b>	2.522	<b>TVD</b>	2.522	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: RDRT</b>											

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RIG DOWN . PREPARE FOR TRKS. GO THROUGH BOTH PUMPS.PUT NEW AIRLINES ON KELLY SPINNER, INSPECTED DERRICK PRIOR TO LOWERING. STARTED TO UN PIN DERRICK TO LOWER WIND PICKED UP, REPIN DERRICK. WAIT UNTILL WIND DIES, LAYED DERRICK OVER @ 2020, FININSH RIGGING DOWN, PREPARED FOR TRKS  TRKS TO BE HERE THIS MORNING. 3.5 MILE MOVE TO THE CWU 701-02

FULL CREWS.  
JAMES BYARS TWISTED KNEE ON LOC, WRKED REST OF TOUR  
SFTY MTG, RIGGING DOWN

<b>06-19-2007</b>		<b>Reported By</b>		JOHN JULIAN							
<b>Daily Costs: Drilling</b>	\$21,856	<b>Completion</b>	\$0	<b>Daily Total</b>	\$21,856						
<b>Cum Costs: Drilling</b>	\$297,078	<b>Completion</b>	\$0	<b>Well Total</b>	\$297,078						
<b>MD</b>	2.522	<b>TVD</b>	2.522	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: RURT</b>											

Start	End	Hrs	Activity Description
06:00	18:00	12.0	SFTY MTG WITH ALL HANDS ON LOC. MOVE RIG. SET IN PLACE, RELEASED TRKS @ 1545. RIG UP
18:00	06:00	12.0	RIG UP DERRICK. WRK WITH WELDER ON CROWN SALA BLOCK, SM PRIOR TO RAISING DERRICK, RAISED DERRICK 1930, RIG UP FLOOR. ELECTRICAL, PU MOUSE HOLE AND RATHOLE. PU KELLY, MAKE UP NEW KELLY SPINNER, RIG UP BUSTER, AND FLARE LINES, HOOK UP CHOKE LINES

NO ACCIDENTS  
 FULL CREWS  
 SFTY MTG, MOVING AND RIGGING UP  
 FUEL ON HAND 3706, USED 512

SHOULD BE TESTING THIS AM

06-20-2007 Reported By JOHN JULIAN

Daily Costs: Drilling \$44,492 Completion \$0 Daily Total \$44,492  
 Cum Costs: Drilling \$341,570 Completion \$0 Well Total \$341,570

MD 2.910 TVD 2.910 Progress 388 Days 1 MW 0.0 Visc 0.0  
 Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRLG

Start	End	Hrs	Activity Description
06:00	07:30	1.5	NIPPLE UP BOP, RIG UP CHOKE AND FLARE LINES, ** TOOK ENSIGN RIG 81 ON DAYWRK AT 0600 6/19/2007***
07:30	11:00	3.5	TEST BOPS TESTED PIPE RAMS, BLIND RAMS, ALL VALVES, CHOKE MANIFOLD, HCR, TO 250 LOW, 5000, HIGH, ANNULAR TO 250 LOW AND 2500 HIGH, SURF CSG TO 1500, ALL GOOD, JAKE WILKINS, B&C QUICK TEST WAS THE TESTER
11:00	11:30	0.5	INSTALL WEAR BUSHING
11:30	13:00	1.5	PUT BHA AND DP ON RACK, CALIPER BHA, DO WALK AROUND RIG INSPECTION
13:00	18:00	5.0	SFTY MTG WITH CALIPER, RIG UP CALIPER, PU BHA
18:00	19:00	1.0	PU BHA TAG CMT AT 2438, RIG DOWN CALIPER
19:00	22:30	3.5	DRILL CEMENT FLOAT COLLAR AND SHOE
22:30	23:00	0.5	FIT TEST 420 #, 11.6 MUD WT, HELD, RUN WIRELINE SURVEY
23:00	06:00	7.0	DRILL ROTATE. DRILL 2522-2910 WOB 17, RPM 50, SPP 1200, ROP 55.42, MUD WT 8.6, VIS 30

NO ACCIDENTS  
 FULL CREWS  
 SFTY MTG TEST BOP, PU PIPE  
 COM CK X2  
 FUEL ON HAND 7513 GALLONS, USED 531 GAL

BG GAS 1000-1600  
 CONN GAS 3000-4000  
 HIGH FORM GAS 3739 @ 2733

LITHOLOGY 60% SH, 30 %SS, SHYLISS 10%

KMUD LOGGER MATT GJURGEVICH ON LOCATION 1 DAY

06:00 06:00 24.0 SPUD 12.25" HOLE, CWU 701-02 @ 23:00, 6/19/2007.

06-21-2007 Reported By JOHN JULIAN

Daily Costs: Drilling \$37,900 Completion \$0 Daily Total \$37,900  
 Cum Costs: Drilling \$379,470 Completion \$0 Well Total \$379,470

**MD** 4.260 **TVD** 4.260 **Progress** 1.350 **Days** 2 **MW** 8.8 **Visc** 31.0  
**Formation :** **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

**Activity at Report Time:** DRILLING

Start	End	Hrs	Activity Description
06:00	11:00	5.0	DRILL ROTATE 2910-3197, WOB 14-17, RPM 40-50, SPP 1250, ROP 57.4, MUD WT 8.9, VIS 29.
11:00	11:30	0.5	SERVICE RIG
11:30	17:30	6.0	DRILL ROTATE, 3197-3581, WOB 15-19, RPM 40-50, SPP 1350, ROP 64.0 MUD WT 9.0, VIS 30.
17:30	18:00	0.5	SURVEY @ 3500 1.22 DEG
18:00	06:00	12.0	DRILL ROTATE, 3581-4260 WOB 15-18, RPM 45-55, SPP 1520, ROP56.33, MUD WT 9.2 VIS 30.

NO ACCIDENTS  
 FULL CREWS  
 SFTY MTG JSA RO-56, JSA MN -04  
 COM CK X2  
 FUEL ON HAND 6757, USED 756

BG GAS 650-50  
 CONN GAS 1650-2850  
 HI FORM GAS 7176 @ 3210

SHOWS 2998-3043 1563/6918/1831 MUD WT 8.6/8.6, NO FLARE  
 3195-3332 1758/7176/1894 MUD WT 8.8/8.8 NO FLARE  
 3833-3992 209/3741/792 MUD WT 9.2/9.2 NO FLARE

LITHOLOGY SH 50%, SS, 30%, LIMESTONE 10%, SHLYSS10%

MUD LOGGER MATT GJURGEVICH ON LOC 2 DAYS

<b>06-22-2007</b>	<b>Reported By</b>	JOHN JULIAN			
<b>Daily Costs: Drilling</b>	\$67.036	<b>Completion</b>	\$0	<b>Daily Total</b>	\$67.036
<b>Cum Costs: Drilling</b>	\$446.506	<b>Completion</b>	\$0	<b>Well Total</b>	\$446,506

**MD** 5.302 **TVD** 5.301 **Progress** 1.012 **Days** 3 **MW** 9.3 **Visc** 30.0  
**Formation :** **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

**Activity at Report Time:** DRILLING

Start	End	Hrs	Activity Description
06:00	09:00	3.0	DRILL ROTATE, 4290-4570, WOB 16-18, RPM 45-50, SPP 1500, ROP 93.33 MUD WT 9.3, VIS 30
09:00	09:30	0.5	SURVEY @ 4489, 1.48 DEG
09:30	13:30	4.0	DRILL ROTATE 4570-4760, WOB 16-20, RPM 45-50, SPP 1625, ROP 47.5, MUD WT 9.4 VIS 30
13:30	14:00	0.5	SERVICE RIG
14:00	18:00	4.0	DRILL ROTATE, 4760-4888, WOB 16-18, RPM 40-50, SPP 1650, ROP 32 MUD WT 9.4, VIS 30
18:00	06:00	12.0	DRILL ROTATE, 4888- 5302 , WOB 18-20, RPM 45-50, SPP 1400, ROP 34.5, MUD WT 9.5, VIS 31.

NO ACCIDENTS  
 FULL CREWS,  
 SFTY MTG JSA RO-78, RO-31

COM CK X2  
FUEL ON HAND 5828, USED 929

BG GAS 150-350  
CONN GAS 950-1650  
DWN TIME GAS 4020 @ 4970  
HI FORM GAS 1739@ 4743

SHOWS 4743-4748, 447/1739/4440, NO FLARE MUD WT 9.3

LITHOLOGY 50% SHALE, 30% SANDSTONE, 20% RED SHALE

WASATCH TOP 5072,

MUD LOGGER MATT GJURGEVICH ON LOC 3 DAYS

06-23-2007 Reported By JOHN JULIAN

<b>Daily Costs: Drilling</b>	\$30,132	<b>Completion</b>	\$0	<b>Daily Total</b>	\$30,132
<b>Cum Costs: Drilling</b>	\$476,638	<b>Completion</b>	\$0	<b>Well Total</b>	\$476,638

<b>MD</b>	6.001	<b>TVD</b>	6.001	<b>Progress</b>	699	<b>Days</b>	4	<b>MW</b>	9.4	<b>Visc</b>	32.0
-----------	-------	------------	-------	-----------------	-----	-------------	---	-----------	-----	-------------	------

<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
--------------------	-------------------	---------------	------------------------

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	13:30	7.5	DRILL ROTATE, 5302-5557, WOB 17-20, RPM 45-55, SPP 1550, ROP 34, MUD WT 9.5-9.7, VIS 31
13:30	14:00	0.5	SERVICE RIG
14:00	18:00	4.0	DRILL ROTATE 5557-5683, WOB 18-20, RPM 45-50, SPP 1600, ROP 31.5, MUD WT 9.7-9.9, VIS 31
18:00	06:00	12.0	DRILL ROTATE, 5683-6001 WOB 18-20, RPM 45-50, SPP 1750, ROP 26.5, MUD WT 10.1, VIS 31

NO ACCIDENTS  
FULL CREWS.  
COM CK X2.FUNC TEST BOP  
SFTY MTG JSA EL -07, JSA RO-31  
FUEL ON HAND 4567, USED 1261

BG GAS 35-100  
CONN GAS 275-450  
HI FORM GAS 2372@ 5063

LITHOLOGY SH 40% SS 40% RED SH 20%

SHOWS 5661-5676 38/2372/55, NO FLARE MUD WT 9.9

TOPS CHAPITA WELLS 5683

06-24-2007 Reported By JOHN JULIAN

Daily Costs: Drilling \$32,684 Completion \$0 Daily Total \$32,684  
 Cum Costs: Drilling \$507,675 Completion \$0 Well Total \$507,675

MD 6.542 TVD 6.542 Progress 541 Days 5 MW 10.1 Visc 32.0  
 Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILL ROTATE, 6001-6128, WOB, 18-20, RO=PM 40-50, SPP 1800, ROP 36.28, MUD WT 10.0, VIS 30
09:30	10:00	0.5	SERVICE RIG
10:00	18:00	8.0	DRILL ROTATE 6128-6295 WOB 16-20, RPM 40-50, SPP 1800, ROP 20.8, MUD WT 10.1, VIS 31
18:00	06:00	12.0	DRILL ROTATE 6295-6542 WOB 18-20, RPM 45-50, SPP 1850, ROP 20.58, MUD WT 10.1-10.3, VIS 32

NO ACCIDENTS  
 FULL CREWS  
 COM CK X2, FUNCTION BOP,  
 SFTY MTG JSA MS-05, JSA EL -07  
 FUEL ON HAND 3593, USED 974

BG GAS 50-175  
 CONN GAS 500-800  
 HI FORM GAS 5373 @ 6307

LITHOLOGY SH 50%, SS 30% RED SH 20%

SHOWS 6012-6045 57/5373/77, NO FLARE, MUD WT 10.0 10.0  
 6413-6424 145/1255/206 NO FLARE MUD WT 10.3 10.3

TOPS BUCK CANYON 6339

06-25-2007 Reported By JOHN JULIAN

Daily Costs: Drilling \$27,725 Completion \$0 Daily Total \$27,725  
 Cum Costs: Drilling \$535,401 Completion \$0 Well Total \$535,401

MD 6.892 TVD 6.892 Progress 350 Days 6 MW 10.2 Visc 31.0  
 Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	15:00	9.0	DRILL ROTATE, 6542-6700, WOB 16-20, RPM 40-50, SPP 1870, ROP 17.55 MUD WT 10.1-10.2, VIS 31,
15:00	15:30	0.5	SERVICE RIG GREASE CROWN
15:30	18:00	2.5	DRILL ROTATE, 6700-6732, WOB 18-20, RPM 45-55, SPP 1880, ROP 12.8, MUD WT 10.3, VIS 31

18:00 06:00 12.0 DRILL ROTATE 6732-6892 , WOB 16-22, RPM 40-50, SPP 1900, ROP 13.3, MUD WT 10.3, VIS 32

NO ACCIDENTS  
FULL CREWS  
SFTY MTG JSA MS-25, JSA RO-78  
CROWN CK X2, FUNTION BOP  
FUEL ON HAND 3539, USED 853

BG GAS 70-250  
CONN GAS 600-1200  
HI FORM GAS 4405 @ 6504

LITHOLOGY SS-40%, SH 30%, RED SH 30%

SHOWS 6492-6525 101/4405/155 NO FLARE MUD WT 10.3/10.3  
6585-6601 178/1036/133 NO FLARE MUD WT 10.3/10.3  
6441-6645 354/1434/164 NO FLARE MUD WT 10.2/10.2

MUD LOGGER MATT GJURGEVICH ON LOC 6 DAYS

06-26-2007 Reported By JOHN JULIAN

Daily Costs: Drilling \$30,494 Completion \$0 Daily Total \$30,494  
Cum Costs: Drilling \$565,895 Completion \$0 Well Total \$565,895

MD 6,912 TVD 6,912 Progress 20 Days 7 MW 10.3 Visc 32.0

Formation : PBT D : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CIRCULATE BTMS UP FOR TOH
07:00	08:30	1.5	PUMP SWEEP, BUILD AND PUMP PILL, STAND KELLY BACK, TOH
08:30	10:00	1.5	TRIP OUT OF HOLE , STAND 1 STAND BACK, ON 2ND STD TIGHT , WRK 1 JT OUT AND LAY DOWN, KELLY UP, BEK CIRC, START TO IN CREASE MUD WT
10:00	14:00	4.0	CIRCULATE RAISE MUD WT FROM 10.3 TO 10.6
14:00	19:00	5.0	TRIP. OUT OF JOLE , HAD 10K DRAG FIRST 6 STDS, THEN CLEANED UP, BRK BIT, LD MM,
19:00	00:00	5.0	TRIP. PU NEW MUD MTR, MAKE UP BIT #2, TIH TO 6450
00:00	04:30	4.5	WASH/REAM 6450-6892, WOB 2-5k, 15 FT FILL,
04:30	06:00	1.5	DRILL ROTATE. 6892-6912, WOB16, RPM 42, SPP 1930, ROP 18.5, MUD WT 10.6, VIS 32

NO ACCIDENTS  
FULL CREWS  
COM CHK DRILLING AND TRIP, FUNCTION PIPE RAMS  
SFT MTG TRIP PIPE  
FUEL ON HAND 1703, USED 1236

BG GAS 65-150  
 CONN GAS 600-1200  
 HI FORM GAS 467 @ 6883

LITHOLOGY SS 50%, SH 40% RED SH 10%

NO SHOWS

MUD LOGGER MATT GJURGEVICH ON LOC 7 DAYS

06-27-2007 Reported By JOHN JULIAN

<b>Daily Costs: Drilling</b>	\$45,453	<b>Completion</b>	\$0	<b>Daily Total</b>	\$45,453
<b>Cum Costs: Drilling</b>	\$611,349	<b>Completion</b>	\$0	<b>Well Total</b>	\$611,349

<b>MD</b>	7.461	<b>TVD</b>	7.461	<b>Progress</b>	729	<b>Days</b>	8	<b>MW</b>	10.4	<b>Visc</b>	33.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	15:00	9.0	DRILL ROTATE 6912-7135, WOB 16-18, RPM 45-55 SPP 1975, ROP24.77, MUD WT 10.6-10.7, VIS 33
15:00	15:30	0.5	SERVICE RIG
15:30	18:00	2.5	DRILL ROTATE 7135-7196, WOB 15-20, RPM 40-50, SPP 2000, ROP-24.4, MUD WT 10.7, VIS 35
18:00	23:30	5.5	DRILL ROTATE, 7196-7326, WOB 16020, RPM 45050, SPP 2075, ROP 36.36, MUD WT 10.8, VIS 35
23:30	00:30	1.0	WRK TIGHT HOLE ON CONNECTION, WRK FREE, PUMP SWEEP , START BRINGING MUD WT UP
00:30	06:00	5.5	DRILL ROTATE 7326 - 7461, WOB 16-20, RPM 45-50, SPP 2121, ROP24.54, MUD WT 10.9, VIS 36

NO ACCIDENTS,  
 FULL CREWS  
 COM CK X2, FUNCTION PIPE RAMS  
 SFTY MTG SETTING SLIPS, JSA SO 142  
 FUEL ON HAND 4921, USED 907

BG GAS 50-200  
 CONN GAS 400-600  
 HIGH FORM GAS 3650 @ 7373

LITHOLOGY  
 SS, 40%, SH 40% RED SH 20%

SHOWS 7357 - 7399, 52/3650/440 NO FLARE, MUD WT 10.9/10.9

MUD LOGGER MATT GJURGEVICH ON LOC 8 DAYS

06-28-2007 Reported By DAVID FOREMAN

**Daily Costs: Drilling** \$35,025                      **Completion** \$0                      **Daily Total** \$35,025  
**Cum Costs: Drilling** \$646,374                      **Completion** \$0                      **Well Total** \$646,374  
**MD** 7.815    **TVD** 7.815    **Progress** 354    **Days** 9    **MW** 11.0    **Visc** 36.0  
**Formation :**                      **PBTD : 0.0**                      **Perf :**                      **PKR Depth : 0.0**

**Activity at Report Time:** REPAIR LOW DRUM CHAIN

Start	End	Hrs	Activity Description
06:00	14:30	8.5	DRILLING F/ 7461' TO 7642', 181'.ROP.22'.WOB.22.RPM.45/50.GPM.410.DIFF.55/175.
14:30	15:00	0.5	SERVICE RIG
15:00	22:00	7.0	DRILLING F/ 7642' TO 7815' 173'.ROP.24.7'.WOB.25'.RPM.45/50.GPM.410.DIFF.40/130. REACHED TD @ 22:00 HRS. 6/27/07.
22:00	23:00	1.0	CIRC. F/ SHORT TRIP
23:00	00:00	1.0	SHORT TRIP F/ 7815' TO 6835', 10 STDS. NO PROBLEMS
00:00	02:00	2.0	CIRC. CLEAN F/ LAY DOWN DRILL PIPE.JSA, SAFETY MEETING W/ CALIBER RIG UP LAY DOWN MACHINE.PUMP SLUG.FLOW CHECK
02:00	06:00	4.0	START TO LAY DOWN D/P. BROKEN LOW DRUM CHAIN.CIRC.AND REPAIR SAME. C/P COST*** \$640,333.

MUD LOSS LAST 24 HRS. 0 BBLs.  
MUD WT.11.1  
ROT,156,PU,164.SO,150.,  
DRILLS 2 BOP

ACCIDENTS NONE REPORTED  
FUNCTION TEST CROWN-O-MATIC  
SAFETY MEETING: TEAMWORK , TRIPS/ L/D D/P.  
CREWS NIGHTS SHORT 1 MAN

FUEL ON HAND.3539 USED 1382.  
FORMATION TOP: PRICE RIVER  
GAS BG.105U, CONN. 575U,  
SHORT TRIP GAS 231U,  
MAX GAS 2366U@7571

MUD LOGGER ON LOCATION F/ 6-19-07 TO 6-27-07 (9) DAYS.

MATT GJURGREVICH

**06-29-2007**    **Reported By**    DAVID FOREMAN  
**Daily Costs: Drilling**    \$28,308                      **Completion**    \$160,237                      **Daily Total**    \$188,545  
**Cum Costs: Drilling**    \$674,683                      **Completion**    \$160,237                      **Well Total**    \$834,920  
**MD** 7.815    **TVD** 7.815    **Progress** 0    **Days** 10    **MW** 11.2    **Visc** 38.0  
**Formation :**                      **PBTD : 0.0**                      **Perf :**                      **PKR Depth : 0.0**

**Activity at Report Time:** RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CIRC.INSTALL CHAIN GUARDS

JONES TRUCKING TO BE ON LOCATION 6-29-07 @ 07:00 F/RIG MOVE TO CWU 554-2F, 1.7 MILES

07:00 12:30 5.5 PUMP SLUG DROP SURVEY, LAY DOWN DRILL PIPE.  
LOW DRUM CHAIN BROKEN WHILE L/D DRILL PIPE, CONT. L/D PIPE IN HIGH.

12:30 15:00 2.5 PICK UP KELLY BREAK SAME, REMOVE ROT. HEAD, CONT. LAY DOWN BHA.  
REMOVE WEAR BUSHING.

15:00 16:00 1.0 JSA, SAFETY MEETING W/ CALIBER & ALL PERSONNEL. R/U TO RUN CSG.

16:00 23:00 7.0 RUN CSG. RAN 192 JTS. 4 1/2 CSG. 11.6# N80. LTS. CSG. AS FOLLOWS FLOAT SHOE, 1 JT. CSG. FLOAT COLLAR, 13 JT. CSG. MARKER JT. 64 JTS. CSG. MARJER JT., 114 JTS. CSG. ONE PUP JT., HANGER ASSEMBLY.

FLOAT SHOE @ 7798' FLOAT COLLAR @ 7753' MARKER JT. @ 7231', MARKER JT. @ 4646' CENTRALIZERS, 5 FT. ABOVE SHOE, TOP OF JT. #2 & EVERY 2ND JT. TO 4662 TOTAL 40.

23:00 00:00 1.0 TAG BOTTOM @ 7815' L/D TAG JT. SPACE OUT PICK UP DOT HANGER. R/U TO CIRC.

00:00 01:30 1.5 CIRC. RIG DOWN CALIBER CSG. CREW & L/D MACHINE SAFETY MEETING W/ SCHLUMBER.

01:30 03:30 2.0 RIG UP SCHLUMBERGER, TEST LINES 5000 PSI, PUMPING 20 BBLs CHEM WASH & 20 BBLs WATER SPACER AHEAD OF LEAD. CEMENT 7796' 4 1/2 N80 11.6# CSG. LEAD 401 SKS. 35/65 POZ. G + ADDS MIX D020 6.% EXTENDER, D174. 2% EXPANDING CE. D112. 750 % FLUID LOSS, D046. 2%. ANTIFOAM, D013. 3% RATERDER, D065. 2% DISPERSANT, D130. 125% LB/SK BLEND LOST CIRC.

( YIELD 1.75 FT3/SK ) H2O 9.178 GAL/SK @ 12. PPG., TAIL 955 SKS 50/50 POZ G + ADDS D020 2% EXTENDER, D046. 1% ANTIFOAM, D167. 2% FLUID LOSS, D065. 2% DISPERSANT, D013. 1% RETARDER ( YIELD 1.28 FT3/SK ) H2O 5.93 GAL/SK @ 14.1 PPG

DISP. TO FLOAT COLLER W/ 2 GAL/1000 L064. FRESH WATER. W/ 120 BBLs. AVG. DISP. RATE 7. BPM. FULL RETURNS THROUGH OUT JOB. DROP PLUG @ 02:54 BUMPED PLUG TO 2881 @ 03:28 F/2 MINS. FLOAT HELD. 1. BBL. BACK @ 03:30 CEMENT IN PLACE. RIG DOWN SCHLUMBERGER.

03:30 04:00 0.5 LAND CSG. HANGER W/ FULL STRING WT. 60,000. TEST 5000 PSI. REMOVE LANDING JT.

04:00 06:00 2.0 CLEAN MUD TANKS. RIG DOWN.  
MUD LOSS LAST 24 HRS. 0 BBLs.  
MUD WT. 11.2

ACCIDENTS NONE REPORTED  
FUNCTION TEST CROWN-O-MATIC  
SAFETY MEETING: RUN CSG./ CEMENTING  
CREWS FULL

FUEL ON HAND, 2649 USED 890

MUD LOGGER ON LOCATION F/ 6-19-07 TO 6-28-07 (10) DAYS.  
MATT GJURGREVICH

06:00 18.0 RELEASE RIG @ 06:00 HRS, 6/29/2007.  
CASING POINT COST \$674,683

07-03-2007		Reported By	SEARLE								
Daily Costs: Drilling	\$5,500		Completion	\$41,062	Daily Total			\$46,562			
Cum Costs: Drilling	\$680,183		Completion	\$201,299	Well Total			\$881,482			
MD	7.815	TVD	7.815	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation :	PBTB : 7752.0		Perf :		PKR Depth : 0.0						

**Activity at Report Time: PREP FOR FRACS**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBSD TO 970'. EST CEMENT TOP @ 2240'. RD SCHLUMBERGER.

07-15-2007      Reported By      MCCURDY

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,030	<b>Daily Total</b>	\$2,030
<b>Cum Costs: Drilling</b>	\$680,183	<b>Completion</b>	\$203,329	<b>Well Total</b>	\$883,512

**MD**      7.815      **TVD**      7.815      **Progress**      0      **Days**      12      **MW**      0.0      **Visc**      0.0

**Formation :**                      **PBSD :** 7752.0                      **Perf :**                      **PKR Depth :** 0.0

**Activity at Report Time: WO COMPLETION**

Start	End	Hrs	Activity Description
08:00	09:00	1.0	NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.

07-17-2007      Reported By      MCCURDY

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$210,620	<b>Daily Total</b>	\$210,620
<b>Cum Costs: Drilling</b>	\$680,183	<b>Completion</b>	\$413,949	<b>Well Total</b>	\$1,094,132

**MD**      7.815      **TVD**      7.815      **Progress**      0      **Days**      13      **MW**      0.0      **Visc**      0.0

**Formation :** WASATCH                      **PBSD :** 7752.0                      **Perf :** 5654'-7608'                      **PKR Depth :** 0.0

**Activity at Report Time: PREP TO MIRUSU**

Start	End	Hrs	Activity Description
06:00	19:30	13.5	RU CUTTERS WIRELINE. PERFORATED NORTH HORN FROM 7455'-56', 7461'-62', 7467'-68', 7501'-02', 7531'-32', 7537'-38', 7564'-66', 7596'-98' & 7606'-08' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC NORTH HORN DOWN CASING WITH 165 GAL GYPTRON T-106, 3103 GAL WF120 PAD, 8435 GAL WF120, 26128 GAL YF116ST+ WITH 74800# 20/40 SAND @ 1-4 PPG. MTP 5642 PSIG. MTR 53.1 BPM. ATP 4653 PSIG. ATR 45.3 BPM. ISIP 2770 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7410'. PERFORATED NORTH HORN FROM 7,199'-200', 7209'-10', 7216'-17', 7257'-58', 7310'-11', 7317'-18', 7347'-49', 7359'-60', 7365'-66', 7371'-72', 7381'-82' & 7390'-92' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3108 GAL WF120 PAD, 8432 GAL WF120, 40456 GAL YF116ST+ WITH 121400# 20/40 SAND @ 1-4 PPG. MTP 5211 PSIG. MTR 51.4 BPM. ATP 3868 PSIG. ATR 47.1 BPM. ISIP 2200 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7150'. PERFORATED NORTH HORN/Ba FROM 6769'-70', 6773'-74', 6781'-82', 6838'-39', 6884'-85', 6912'-13', 6936'-37', 6956'-57', 6987'-88', 7081'-82', 7103'-04' & 7114'-15' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3096 GAL WF120 PAD, 8436 GAL WF120, 35424 GAL YF116ST+ WITH 105400# 20/40 SAND @ 1-4 PPG. MTP 5850 PSIG. MTR 51 BPM. ATP 3902 PSIG. ATR 46.6 BPM. ISIP 1650 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6720'. PERFORATED Ba FROM 6498'-99', 6502'-03', 6511'-12', 6516'-17', 6523'-24', 6533'-34', 6592'-94', 6620'-21', 6660'-61', 6668'-69' & 6702'-03' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH , 3100 GAL WF120 PAD, 8434 GAL WF120 , 43570 GAL YF116ST+ WITH 136000# 20/40 SAND @ 1-4 PPG. MTP 3561 PSIG. MTR 50.6 BPM. ATP 2839 PSIG. ATR 47.2 BPM. ISIP 1300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6425'. PERFORATED Ca/Ba FROM 6290'-91', 6300'-01', 6306'-07', 6320'-21', 6350'-52', 6370'-71', 6382'-84' & 6408'-11' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 3125 GAL WF120 PAD, 6326 GAL WF120, 24485 GAL YF116ST+ WITH 68600# 20/40 SAND @ 1-4 PPG. MTP 3540 PSIG. MTR 41.1 BPM. ATP 2542 PSIG. ATR 38.5 BPM. ISIP 1300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6060'. PERFORATED Ca FROM 5970'-71', 5997'-99', 6010'-11', 6016'-20' & 6026'-30' @ 3 SPF & 120° PHASING. RU SCHLUMBERGER. FRAC DOWN CASING WITH 3110 GAL WF120 PAD. 8433 GAL WF120, 28819 GAL YF116ST+ WITH 89100# 20/40 SAND @ 1-4 PPG. MTP 3134 PSIG. MTR 41 BPM. ATP 2701 PSIG. ATR 38.2 BPM. ISIP 1800 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5700'. PERFORATED Pp FROM 5654'-61' @ 3 SPF & 120° PHASING. RU SCHLUMBERGER. FRAC DOWN CASING WITH 2072 GAL WF120 PAD. 6326 GAL WF120, 15584 GAL YF116ST+ WITH 44300# 20/40 SAND @ 1-4 PPG. MTP 3674 PSIG. MTR 40.8 BPM. ATP 3022 PSIG. ATR 36.3 BPM. ISIP 2200 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP AT 5583'. BLED OFF PRESSURE. RDWL. SDFN.

07-18-2007 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$18,790 Daily Total \$18,790  
 Cum Costs: Drilling \$680,183 Completion \$432,739 Well Total \$1,112,922

MD 7.815 TVD 7.815 Progress 0 Days 14 MW 0.0 Visc 0.0  
 Formation : WASATCH PBTd : 7752.0 Perf : 5654'-7608' PKR Depth : 0.0

Activity at Report Time: CLEAN OUT AFTER FRAC

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU ROYAL WELL SERVICE RIG #2. SICP 0 PSIG. ND FRAC VALVE. NU BOP. RIH W/3-7/8" MILL TOOTH BIT & PUMP OFF BIT SUB TO CBP @ 5583'. SDFN.

07-19-2007 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$49,712 Daily Total \$49,712  
 Cum Costs: Drilling \$680,183 Completion \$482,451 Well Total \$1,162,634

MD 7.815 TVD 7.815 Progress 0 Days 15 MW 0.0 Visc 0.0  
 Formation : WASATCH PBTd : 7752.0 Perf : 5654'-7608' PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SITP 0 PSIG. SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 5583', 5700', 6060', 6425', 6720', 7130' & 7410'. RIH. CLEANED OUT TO 7710'. LANDED TUBING @ 6800' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 16 HRS. 32/64" CHOKE. FTP 375 PSIG. CP 150 PSIG. 150 BFPH. RECOVERED 815 BLW. 6185 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF SUB .91'  
 1 JT 2-3/8" J-55 8RD 4.7# 31.32'  
 XN NIPPLE 1.30'  
 216 JTS 2-3/8" J-55 8RD 4.7# 6754.78'  
 BELOW KB 12.00'  
 LANDED @ 6800.31' KB

07-20-2007 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$5,714 Daily Total \$5,714  
 Cum Costs: Drilling \$680,183 Completion \$488,165 Well Total \$1,168,348

MD 7.815 TVD 7.815 Progress 0 Days 16 MW 0.0 Visc 0.0

Formation : WASATCH                      PBTB : 7752.0                      Perf : 5654'-7608'                      PKR Depth : 0.0

Activity at Report Time: WO FACILITIES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 800 PSIG. CP 1450 PSIG. 23 BFPH. RECOVERED 862 BLW. 5323 BLWTR. SWI @ 6:00 AM. WO FACILITIES.

FINAL COMPLETION DATE: 7/19/07

07-25-2007                      Reported By                      HEATH LEMON

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$680,183	Completion	\$488,165	Well Total	\$1,168,348						
MD	7.815	TVD	7.815	Progress	0	Days	17	MW	0.0	Visc	0.0

Formation : WASATCH                      PBTB : 7752.0                      Perf : 5654'-7608'                      PKR Depth : 0.0

Activity at Report Time: INITIAL PRODUCTION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	INITIAL PRODUCTION. OPENING PRESSURE: TP 2150 & CP 2150 PSI. TURNED WELL TO QUESTAR SALES AT 9:30 AM, 7/24/07. FLOWED 725 MCFD RATE ON 12/64" POS CHOKE. STATIC 508.

07-26-2007                      Reported By                      HEATH LEMON

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$680,183	Completion	\$488,165	Well Total	\$1,168,348						
MD	7.815	TVD	7.815	Progress	0	Days	18	MW	0.0	Visc	0.0

Formation : WASATCH                      PBTB : 7752.0                      Perf : 5654'-7608'                      PKR Depth : 0.0

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 569 MCF, 5 BC & 86 BW IN 24 HRS ON 12/64" CK. FTP 1500 & CP 1900 PSIG.

07-27-2007                      Reported By                      MICHAEL WHITE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$680,183	Completion	\$488,165	Well Total	\$1,168,348						
MD	7.815	TVD	7.815	Progress	0	Days	19	MW	0.0	Visc	0.0

Formation : WASATCH                      PBTB : 7752.0                      Perf : 5654'-7608'                      PKR Depth : 0.0

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 755 MCF, 5 BC & 100 BW IN 24 HRS ON 12/64" CK. FTP 1450 & CP 185 PSIG.

07-30-2007                      Reported By                      ALAN WATKINS

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0						
Cum Costs: Drilling	\$680,183	Completion	\$488,165	Well Total	\$1,168,348						
MD	7.815	TVD	7.815	Progress	0	Days	20	MW	0.0	Visc	0.0

Formation : WASATCH                      PBTB : 7752.0                      Perf : 5654'-7608'                      PKR Depth : 0.0

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	7/28/07 FLOWED 814 MCF, 0 BC & 83 BW IN 24 HRS ON 12/64" CK. FTP 1450 & CP 1800 PSIG.

7/29/07 FLOWED 875 MCF, 0 BC & 70 BW IN 24 HRS ON 12/64" CK. FTP 1450 & CP 1750 PSIG.

7/30/07 FLOWED 959 MCF, 0 BC & 65 BW IN 24 HRS ON 12/64" CK, FTP 1475 & CP 1725 PSIG.

**07-31-2007**      **Reported By**      ALAN WATKINS

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$680,183	<b>Completion</b>	\$488,165	<b>Well Total</b>	\$1,168,348

<b>MD</b>	7.815	<b>TVD</b>	7.815	<b>Progress</b>	0	<b>Days</b>	21	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : WASATCH</b>			<b>PBTD : 7752.0</b>		<b>Perf : 5654'-7608'</b>			<b>PKR Depth : 0.0</b>			

**Activity at Report Time: ON SALES**

**Start      End      Hrs      Activity Description**

06:00      06:00      24.0 FLOWED 810 MCF, 0 BC & 115 BW IN 24 HRS ON 12/64" CHOKE, TP 1450 PSIG & CP 1700 PSIG.

**08-01-2007**      **Reported By**      MICHAEL WHITE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$680,183	<b>Completion</b>	\$488,165	<b>Well Total</b>	\$1,168,348

<b>MD</b>	7.815	<b>TVD</b>	7.815	<b>Progress</b>	0	<b>Days</b>	22	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : WASATCH</b>			<b>PBTD : 7752.0</b>		<b>Perf : 5654'-7608'</b>			<b>PKR Depth : 0.0</b>			

**Activity at Report Time: ON SALES-FINAL REPORT**

**Start      End      Hrs      Activity Description**

06:00      06:00      24.0 FLOWED 884 MCF, 0 BC & 66 BW IN 24 HRS ON 12/64" CHOKE, TP 1450 PSIG & CP 1650 PSIG.

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**ML-3077**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME  
**Chapita Wells Unit**

8. WELL NAME and NUMBER:  
**Chapita Wells Unit 701-02**

9. API NUMBER:  
**43-047-36995**

10. FIELD AND POOL, OR WILDCAT  
**Natural Buttes/Wasatch**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**Lot 1 2 9S 22E S**

12. COUNTY  
**Uintah**

13. STATE  
**UTAH**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**EOG Resources, Inc.**

3. ADDRESS OF OPERATOR: **600 17th St., Suite 1000N** CITY **Denver** STATE **CO** ZIP **80229** PHONE NUMBER: **(303) 824-5526**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **684' FNL & 485' FEL 40.070258 LAT 109.399636 LON**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **Same**  
AT TOTAL DEPTH: **Same**

14. DATE SPUDDED: **4/23/2007** 15. DATE T.D. REACHED: **6/27/2007** 16. DATE COMPLETED: **7/24/2007** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
**4826' NAT GL**

18. TOTAL DEPTH: MD **7,815** TVD \_\_\_\_\_ 19. PLUG BACK T.D.: MD **7,752** TVD \_\_\_\_\_ 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* \_\_\_\_\_ 21. DEPTH BRIDGE MD \_\_\_\_\_ PLUG SET: TVD \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**RST/CBL/CCL/VDL/GR**

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

**24. CASING AND LINER RECCRD (Report all strings set in well)**

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12-1/4"	9-5/8 J-55	36.0#	0	2,522		620 sx			
7-7/8"	4-1/2 N-80	11.6#	0	7,798		1356 sx			

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6.800							

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	5,654	7,608			7,455 7,608		3/spf	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					7,199 7,392		2/spf	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					6,769 7,115		3/spf	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					6,498 6,703		3/spf	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

**27. PERFORATION RECORD**

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7455-7608	37,831 GALS GELLED WATER & 74,800# 20/40 SAND
7199-7392	52,161 GALS GELLED WATER & 121,400# 20/40 SAND
6769-7115	47,121 GALS GELLED WATER & 105,400# 20/40 SAND

29. ENCLOSED ATTACHMENTS:  ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: \_\_\_\_\_

30. WELL STATUS:  
**Producing**

**RECEIVED**

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: 7/24/2007		TEST DATE: 7/31/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 810	WATER - BBL: 115	PROD. METHOD: Flows
CHOKE SIZE: 12/64"	TBG. PRESS. 1,450	CSG. PRESS. 1,700	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 810	WATER - BBL: 115	INTERVAL STATUS: Producing

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Wasatch	5,654	7,608		Wasatch Chapita Wells Buck Canvon Price River	5,058 5,678 6,354 7,610

**35. ADDITIONAL REMARKS (Include plugging procedure)**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Mary A. Maestas TITLE Regulatory Assistant  
 SIGNATURE *Mary A. Maestas* DATE 8/7/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- re completing to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

**Chapita Wells Unit 701-2 - ADDITIONAL REMARKS (CONTINUED):**

**27. PERFORATION RECORD**

6290-6411	3/spf
5970-6030	3/spf
5654-5661	3/spf

**28. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

6498-6703	55,104 GALS GELLED WATER & 136,000# 20/40 SAND
6290-6411	33,936 GALS GELLED WATER & 68,600# 20/40 SAND
5970-6030	40,362 GALS GELLED WATER & 89,100# 20/40 SAND
5654-5661	23,982 GALS GELLED WATER & 44,300# 20/40 SAND

Perforated the North Horn from 7455-7456', 7461-7462', 7467-7468', 7501-7502', 7531-7532', 7537-7538', 7564-7566', 7596-7598' & 7606-7608' w/ 3 spf.

Perforated the North Horn from 7199-7200', 7209-7210', 7216-7217', 7257-7258', 7310-7311', 7317-7318', 7347-7349', 7359-7360', 7365-7366', 7371-7372', 7381-7382' & 7390-7392' w/ 2 spf.

Perforated the North Horn/Buck Canyon from 6769-6770', 6773-6774', 6781-6782', 6838-6839', 6884-6885', 6912-6913', 6936-6937', 6956-6957', 6987-6988', 7081-7082', 7103-7104' & 7114-7115' w/ 3 spf.

Perforated the Buck Canyon from 6498-6499', 6502-6503', 6511-6512', 6516-6517', 6523-6524', 6533-6534', 6592-6594', 6620-6621', 6660-6661', 6668-6669' & 6702-6703' w/ 3 spf.

Perforated the Chapita Wells/Buck Canyon from 6290-6291', 6300-6301', 6306-6307', 6320-6321', 6350-6352', 6370-6371', 6382-6384' & 6408-6411' w/ 3 spf.

Perforated the Chapita Wells from 5970-5971', 5997-5999', 6010-6011', 6016-6020' & 6026-6030' w/ 3 spf.

Perforated the Pp from 5654-5661' w/ 3 spf.

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

Well name and number: CWU 701-2

API number: 4304736995

Well Location: QQ LOT1 Section 2 Township 9S Range 22E County UINTAH

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: MAJOR

Address: 2200 S 4000 W

city SALT LAKE CITY state UT zip 84120

Phone: (801) 974-0645

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
900	910	NO FLOW	NOT KNOWN

Formation tops:            1 \_\_\_\_\_            2 \_\_\_\_\_            3 \_\_\_\_\_  
 (Top to Bottom)            4 \_\_\_\_\_            5 \_\_\_\_\_            6 \_\_\_\_\_  
                                          7 \_\_\_\_\_            8 \_\_\_\_\_            9 \_\_\_\_\_  
                                          10 \_\_\_\_\_            11 \_\_\_\_\_            12 \_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

SIGNATURE *Mary A. Maestas*

DATE 8/7/2007